

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016645.D
 Acq On : 18 Aug 2023 17:31
 Operator : MA/JU
 Sample : 03968-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48H4MSD

Quant Time: Aug 18 22:32:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	264518	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1223740	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	752504	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1631609	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	1503424	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1583759	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	38965	5.597	ng/uL	0.00
4) Pyridine-d5	3.828	84	105192	4.967	ng/u1	0.00
7) Phenol-d5	7.187	99	644783	26.440	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	428143	26.656	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	492235	28.102	ng/u1	0.00
15) 4-Methylphenol-d8	8.758	113	396539	20.450	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	259105	30.091	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	279188	34.138	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	537668	33.407	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	587059	21.259	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1682444	30.911	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1896814	30.876	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	341938	30.839	ng/u1	0.00
60) Fluorene-d10	15.698	176	1417826	30.556	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	260279	33.532	ng/u1	0.00
73) Anthracene-d10	17.569	188	2273439	32.213	ng/u1	0.00
81) Pyrene-d10	19.804	212	2762862	35.072	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2593385	34.169	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	82348	10.759	ng/uL	97
5) Pyridine	3.852	79	174749	7.952	ng/u1	97
6) Benzaldehyde	7.205	77	484542	36.044	ng/u1	97
8) Phenol	7.216	94	842772	32.334	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.481	93	623579	29.617	ng/u1	99
12) 2-Chlorophenol	7.605	128	577602	31.340	ng/u1	98
13) 2-Methylphenol	8.487	108	605835	32.000	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.563	45	400270	13.641	ng/u1	99
16) Acetophenone	8.899	105	1175508	37.541	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.869	70	559696	33.328	ng/u1	99
18) 4-Methylphenol	8.822	108	686054	32.971	ng/u1	99
19) Hexachloroethane	9.122	117	230929	29.992	ng/u1	99
22) Nitrobenzene	9.293	77	780353	32.374	ng/u1	99
23) Isophorone	9.805	82	1610703	35.378	ng/u1	100
25) 2-Nitrophenol	9.999	139	341376	36.513	ng/u1	97
26) 2,4-Dimethylphenol	10.034	107	589994	26.768	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.293	93	923594	31.647	ng/u1	100
29) 2,4-Dichlorophenol	10.516	162	589525	35.601	ng/u1	99
30) Naphthalene	10.934	128	2037103	31.861	ng/u1	100
32) 4-Chloroaniline	11.063	127	713284	26.079	ng/u1	100
33) Hexachlorobutadiene	11.169	225	321683	32.226	ng/u1	100
34) Caprolactam	11.881	113	229029	35.551	ng/u1	98
35) 4-Chloro-3-methylphenol	12.157	107	765824	37.836	ng/u1	99
36) 2-Methylnaphthalene	12.534	142	1379934	32.220	ng/u1	100

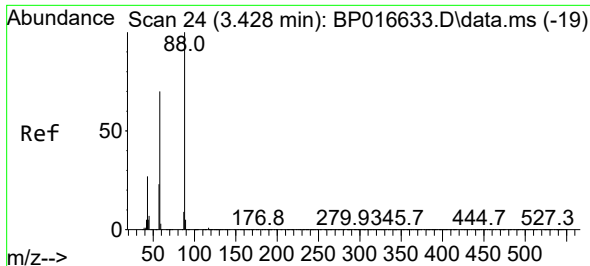
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	1390222	32.238	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.881	216	671044	33.340	ng/ul	98
40) Hexachlorocyclopentadiene	12.834	237	271955	22.207	ng/ul	100
41) 2,4,6-Trichlorophenol	13.128	196	485736	38.777	ng/ul	96
42) 2,4,5-Trichlorophenol	13.199	196	538624	39.668	ng/ul	98
43) 1,1'-Biphenyl	13.540	154	1833854	32.786	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	1426111	32.769	ng/ul	99
45) 2-Nitroaniline	13.810	65	516123	39.223	ng/ul	97
47) Dimethylphthalate	14.163	163	1914234	34.398	ng/ul	100
48) 2,6-Dinitrotoluene	14.304	165	392709	40.742	ng/ul	98
50) Acenaphthylene	14.434	152	2347105	32.441	ng/ul	99
51) 3-Nitroaniline	14.640	138	422610	39.102	ng/ul	93
52) Acenaphthene	14.769	153	1649150	34.052	ng/ul	98
53) 2,4-Dinitrophenol	14.834	184	198484	36.989	ng/ul	97
55) 4-Nitrophenol	14.922	109	338368	37.538	ng/ul	98
56) Dibenzofuran	15.104	168	2239902	33.898	ng/ul	99
57) 2,4-Dinitrotoluene	15.081	165	584534	40.496	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.316	232	458208	40.277	ng/ul	98
59) Diethylphthalate	15.516	149	2003941	35.220	ng/ul	99
61) Fluorene	15.757	166	1890223	34.887	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	850107	33.424	ng/ul	97
63) 4-Nitroaniline	15.810	138	443301	42.860	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.834	198	303587	35.274	ng/ul	99
67) N-Nitrosodiphenylamine	15.969	169	1604445	36.277	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	531072	36.455	ng/ul	98
69) Hexachlorobenzene	16.734	284	624339	36.678	ng/ul	98
70) Atrazine	16.922	200	558086	35.074	ng/ul	99
71) Pentachlorophenol	17.092	266	362089	34.550	ng/ul	98
72) Phenanthrene	17.516	178	3938372	45.816	ng/ul	100
74) Anthracene	17.610	178	3187089	36.912	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.493	216	672913	32.453	ng/ul	97
76) Pentachlorobenzene	14.998	250	664498	35.717	ng/ul	99
77) Carbazole	17.887	167	3115236	39.152	ng/ul	100
78) Di-n-butylphthalate	18.398	149	3795825	41.210	ng/ul	100
80) Fluoranthene	19.475	202	4972129	52.883	ng/ul	99
82) Pyrene	19.833	202	4919634	49.552	ng/ul	98
83) Butylbenzylphthalate	20.692	149	1849167	46.235	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.486	252	777428	23.747	ng/ul	99
85) Benzo(a)anthracene	21.551	228	4307147	42.628	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	2763793	47.614	ng/ul	99
87) Chrysene	21.610	228	4112715	43.498	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	4758110	48.147	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	4454372	47.236	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	3864280	41.306	ng/ul	99
93) Benzo(a)pyrene	24.045	252	3583701	40.286	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.910	276	3812537	36.314	ng/ul	98
95) Dibenzo(a,h)anthracene	26.939	278	2983862	34.151	ng/ul	99
96) Benzo(g,h,i)perylene	27.774	276	3002172	35.929	ng/ul	98

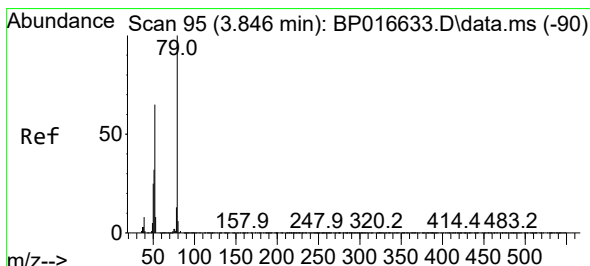
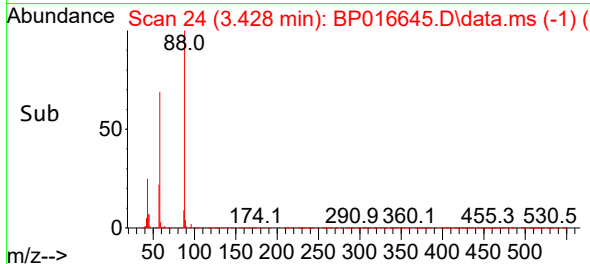
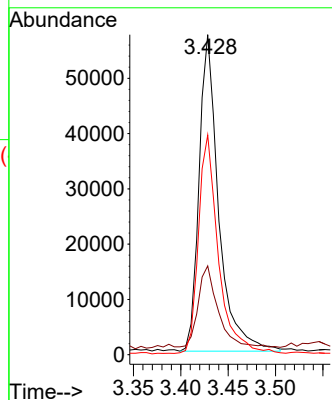
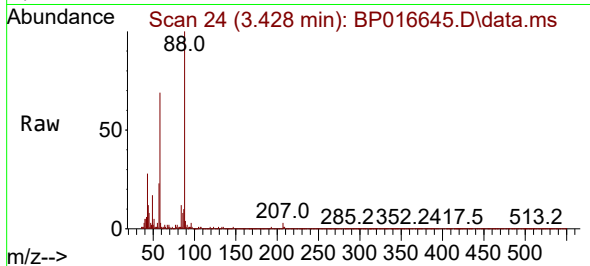
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#2
 1,4-Dioxane
 Concen: 10.759 ng/uL
 RT: 3.428 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BP016645.D
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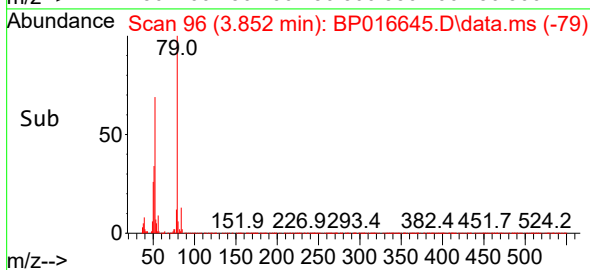
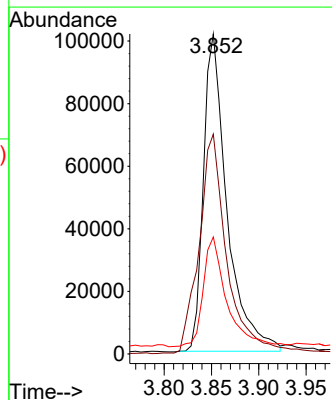
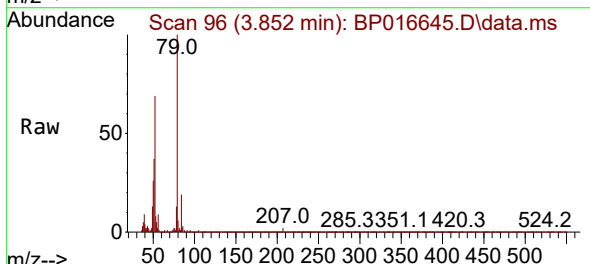
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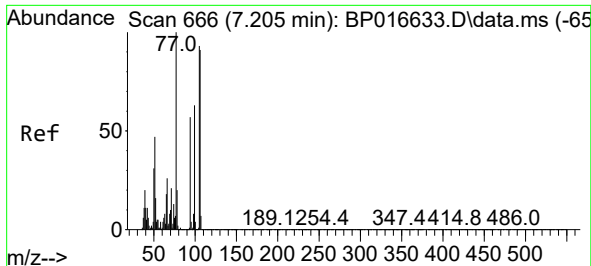
Tgt Ion: 88 Resp: 82348
 Ion Ratio Lower Upper
 88 100
 43 27.8 23.5 35.3
 58 68.7 57.1 85.7



#5
 Pyridine
 Concen: 7.952 ng/uL
 RT: 3.852 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: BP016645.D
 Acq: 18 Aug 2023 17:31

Tgt Ion: 79 Resp: 174749
 Ion Ratio Lower Upper
 79 100
 52 68.7 56.6 84.8
 51 36.5 26.9 40.3

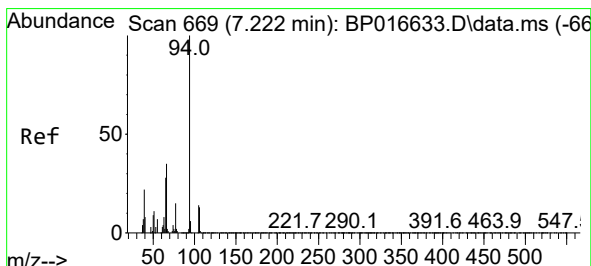
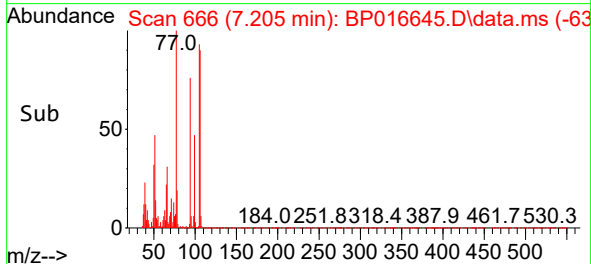
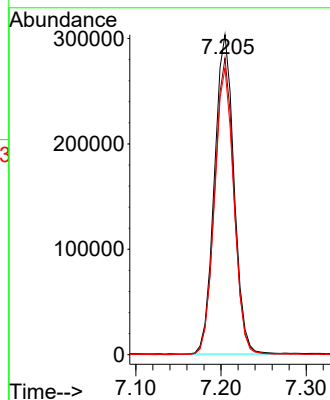
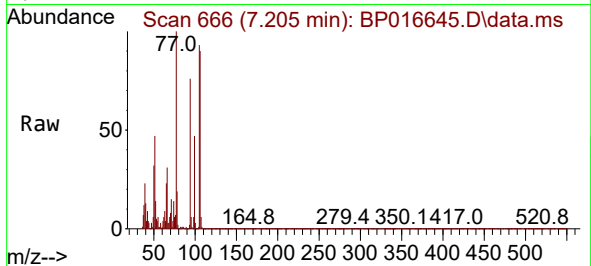




#6
Benzaldehyde
Concen: 36.044 ng/ul
RT: 7.205 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

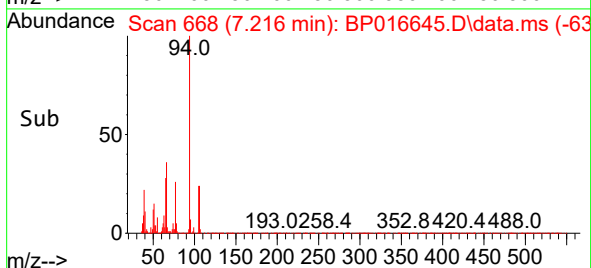
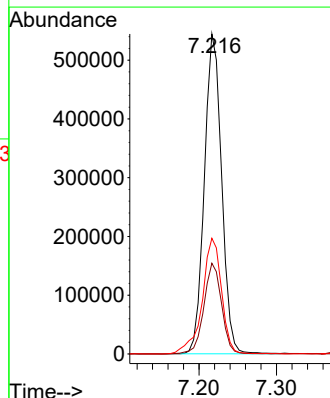
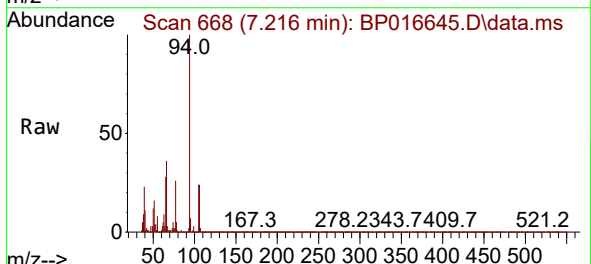
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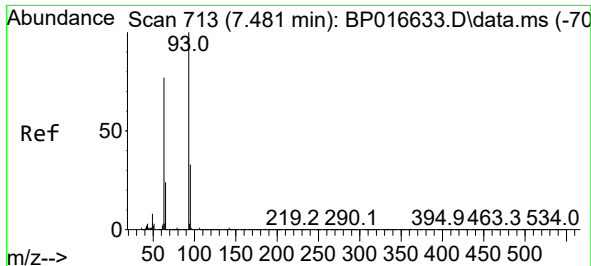
Tgt Ion: 77 Resp: 484542
Ion Ratio Lower Upper
77 100
105 92.6 71.8 107.6
106 89.6 70.2 105.2



#8
Phenol
Concen: 32.334 ng/ul
RT: 7.216 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion: 94 Resp: 842772
Ion Ratio Lower Upper
94 100
65 28.4 22.3 33.5
66 36.2 28.7 43.1

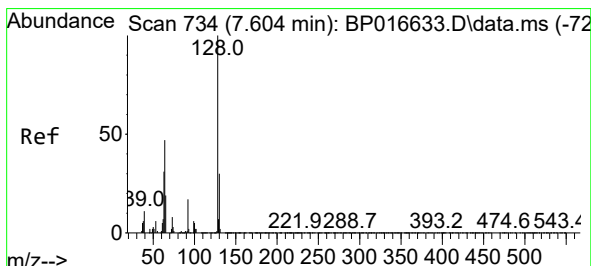
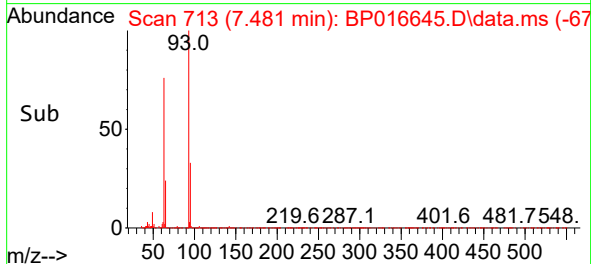
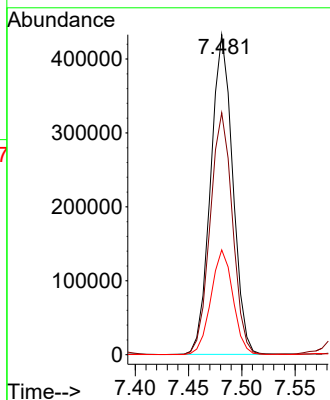
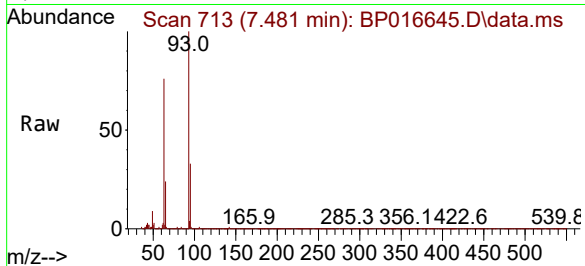




#10
Bis(2-Chloroethyl)ether
Concen: 29.617 ng/ul
RT: 7.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

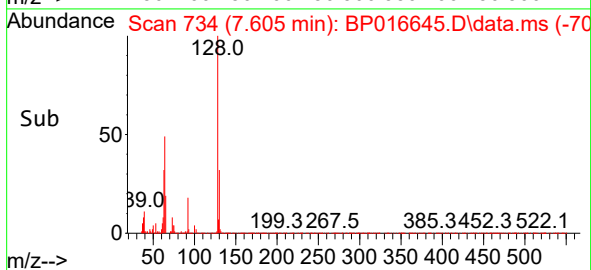
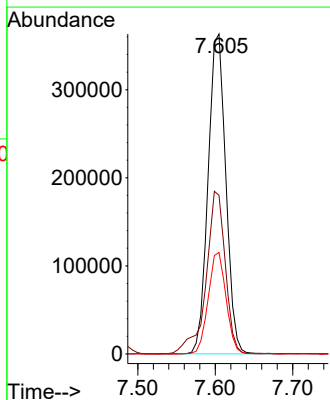
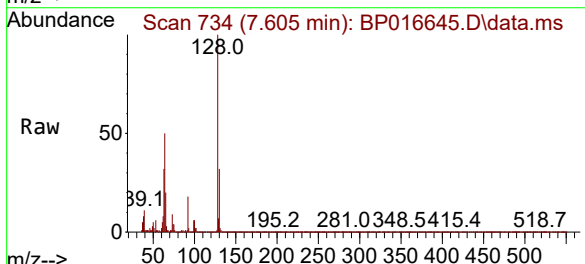
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ClientSampleId :
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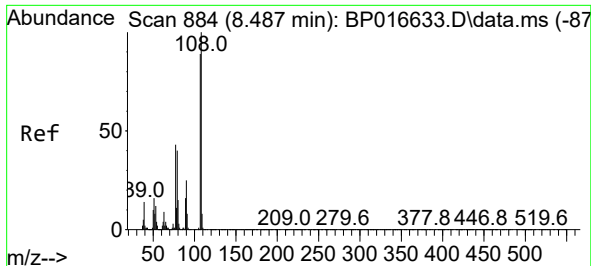
Tgt Ion: 93 Resp: 623579
Ion Ratio Lower Upper
93 100
63 75.6 60.1 90.1
95 32.8 25.4 38.2



#12
2-Chlorophenol
Concen: 31.340 ng/ul
RT: 7.605 min Scan# 734
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:128 Resp: 577602
Ion Ratio Lower Upper
128 100
64 49.6 41.4 62.0
130 31.7 26.0 39.0





#13

2-Methylphenol

Concen: 32.000 ng/ul

RT: 8.487 min Scan# 884

Delta R.T. 0.000 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Instrument :

BNA_P

ClientSampleId :

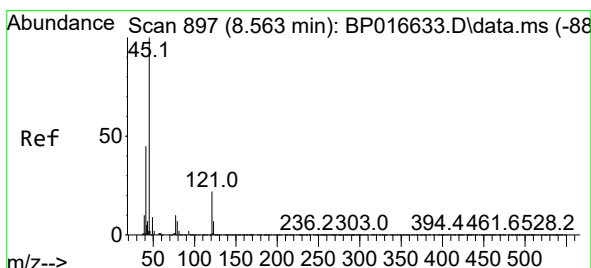
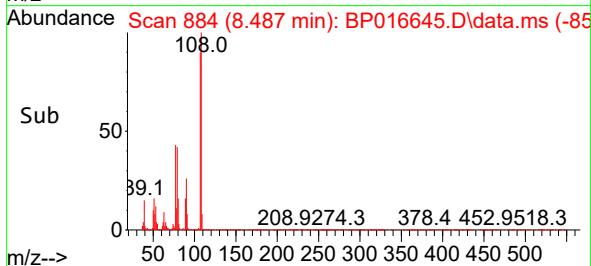
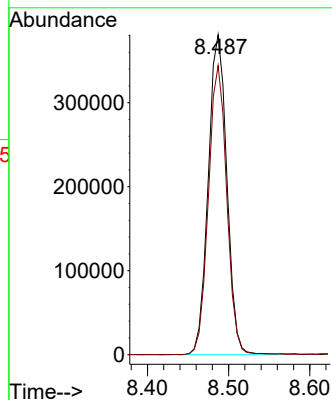
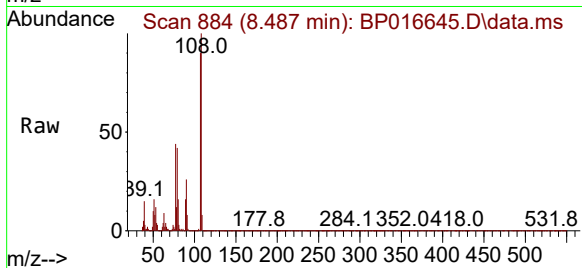
A48H4MSD

Tgt Ion:108 Resp: 605835

Ion Ratio Lower Upper

108 100

107 90.3 70.5 105.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 13.641 ng/ul

RT: 8.563 min Scan# 897

Delta R.T. -0.006 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

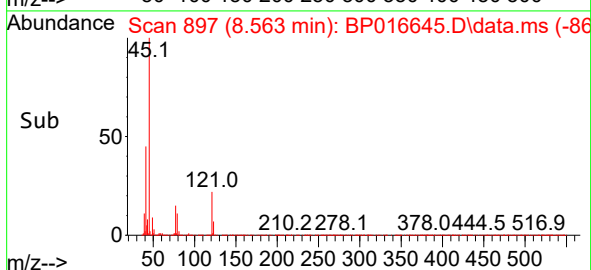
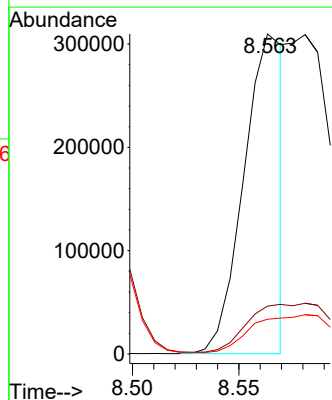
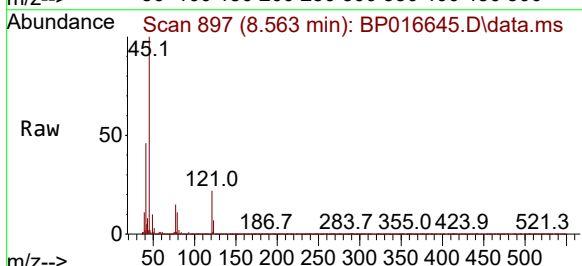
Tgt Ion: 45 Resp: 400270

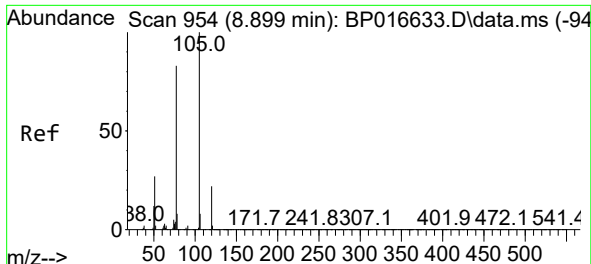
Ion Ratio Lower Upper

45 100

77 14.9 12.1 18.1

79 10.9 8.2 12.4

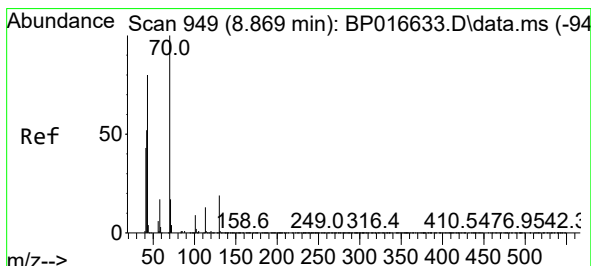
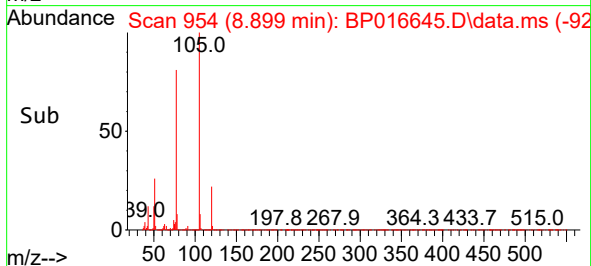
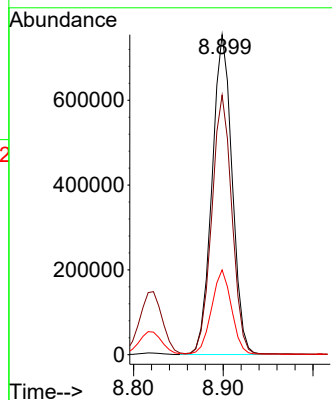
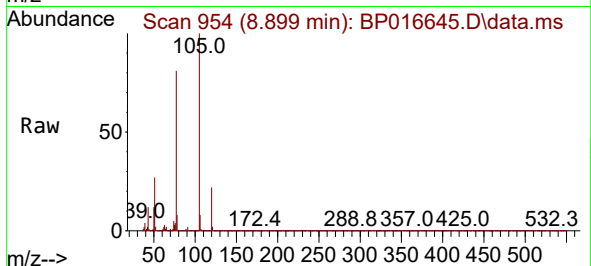




#16
Acetophenone
Concen: 37.541 ng/ul
RT: 8.899 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

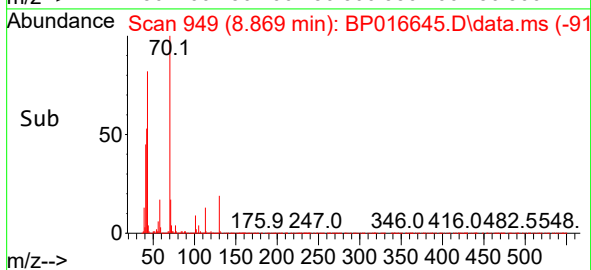
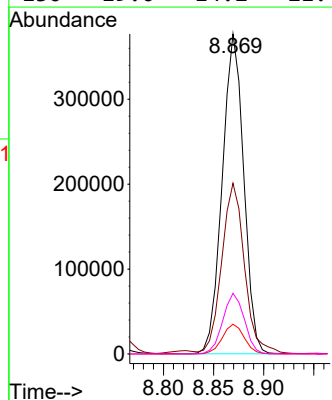
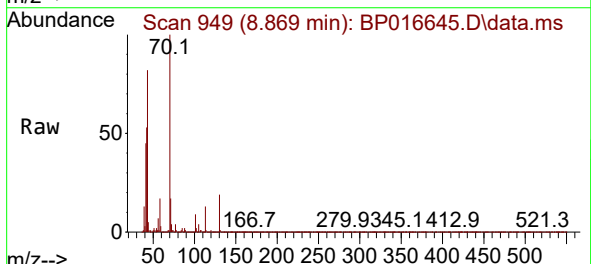
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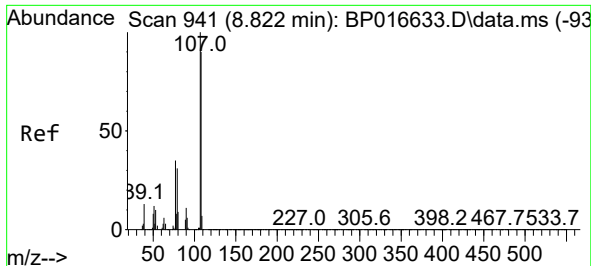
Tgt Ion:105 Resp: 1175508
Ion Ratio Lower Upper
105 100
77 81.1 64.4 96.6
51 26.5 21.2 31.8



#17
N-Nitroso-di-n-propylamine
Concen: 33.328 ng/ul
RT: 8.869 min Scan# 949
Delta R.T. 0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion: 70 Resp: 559696
Ion Ratio Lower Upper
70 100
42 53.4 43.0 64.4
101 9.3 6.8 10.2
130 19.0 14.2 21.4

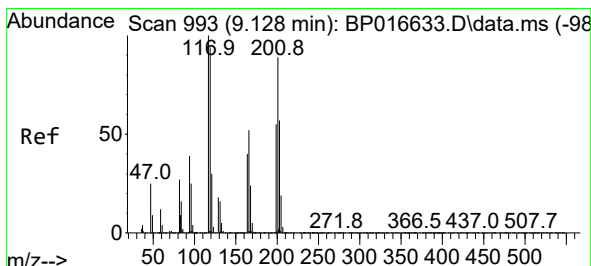
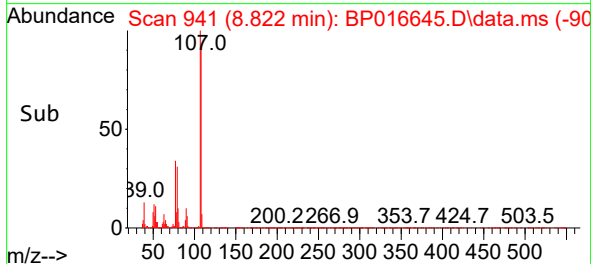
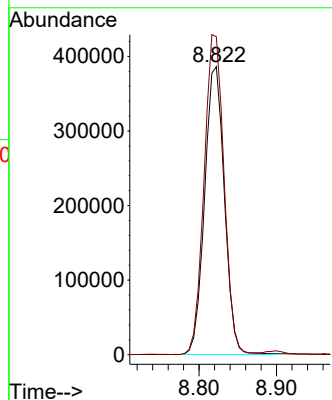
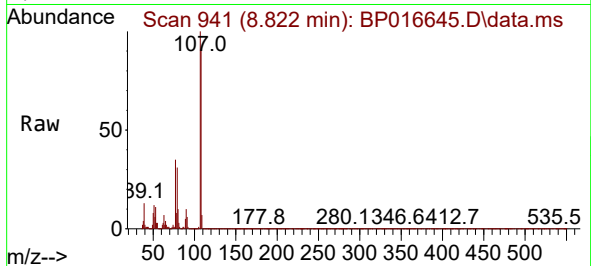




#18
4-Methylphenol
Concen: 32.971 ng/ul
RT: 8.822 min Scan# 941
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

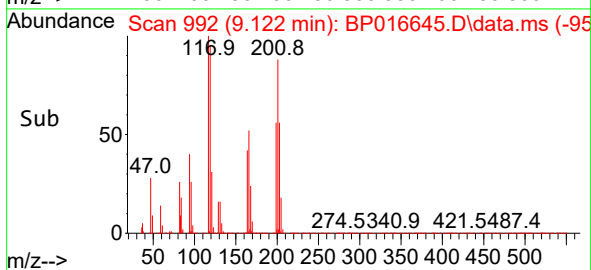
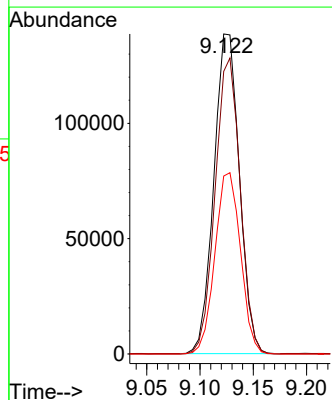
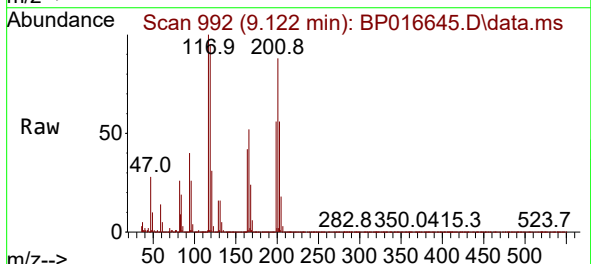
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

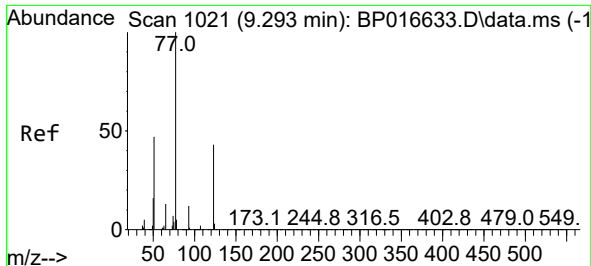
Tgt Ion:108 Resp: 686054
Ion Ratio Lower Upper
108 100
107 110.4 87.3 130.9



#19
Hexachloroethane
Concen: 29.992 ng/ul
RT: 9.122 min Scan# 992
Delta R.T. -0.006 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:117 Resp: 230929
Ion Ratio Lower Upper
117 100
201 88.3 71.8 107.6
199 55.6 45.2 67.8

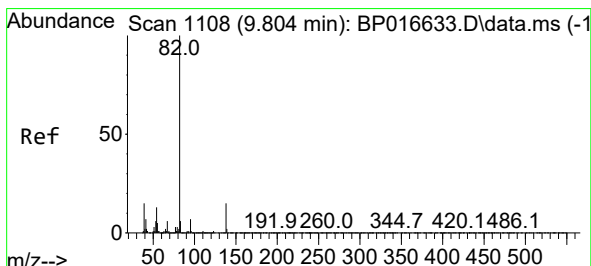
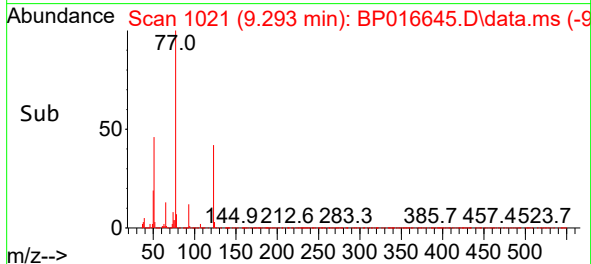
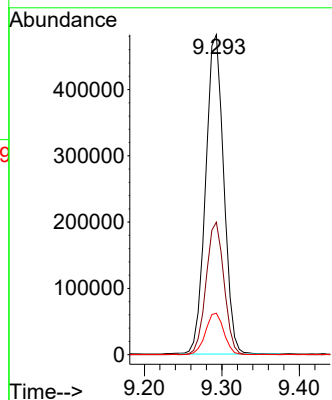
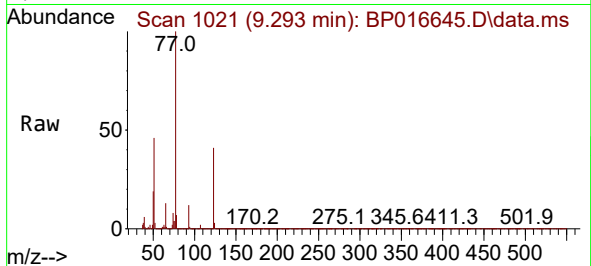




#22
Nitrobenzene
Concen: 32.374 ng/ul
RT: 9.293 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

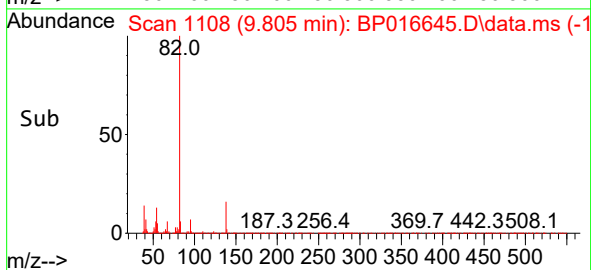
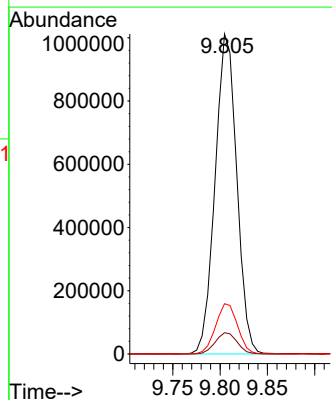
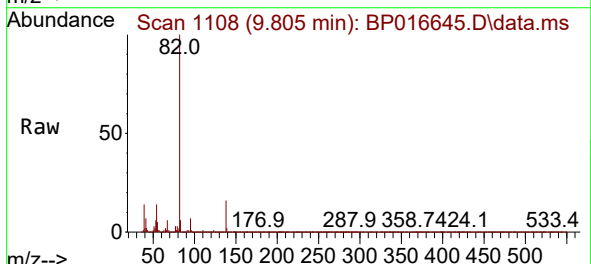
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

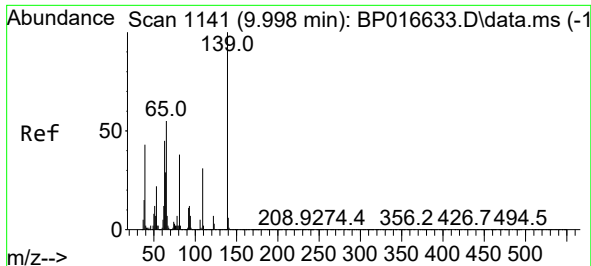
Tgt Ion: 77 Resp: 780353
Ion Ratio Lower Upper
77 100
123 41.4 32.5 48.7
65 12.9 10.3 15.5



#23
Isophorone
Concen: 35.378 ng/ul
RT: 9.805 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion: 82 Resp: 1610703
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 15.7 12.7 19.1





#25

2-Nitrophenol

Concen: 36.513 ng/ul

RT: 9.999 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Instrument :

BNA_P

ClientSampleId :

A48H4MSD

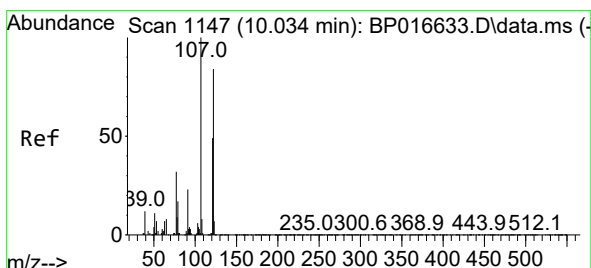
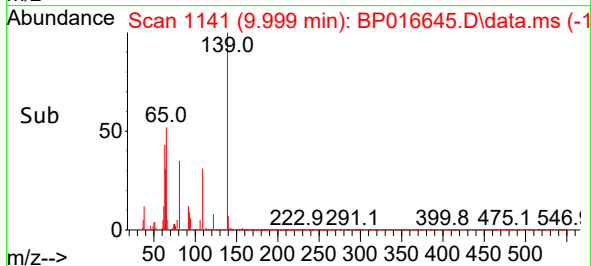
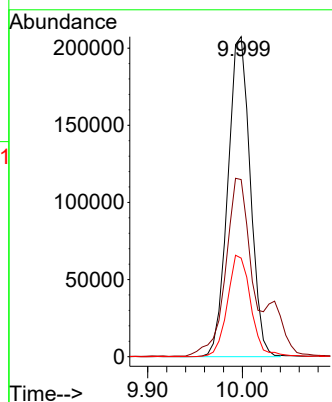
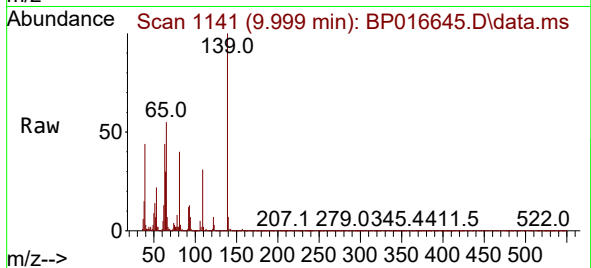
Tgt Ion:139 Resp: 341376

Ion Ratio Lower Upper

139 100

65 55.3 46.4 69.6

109 30.8 25.3 37.9



#26

2,4-Dimethylphenol

Concen: 26.768 ng/ul

RT: 10.034 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

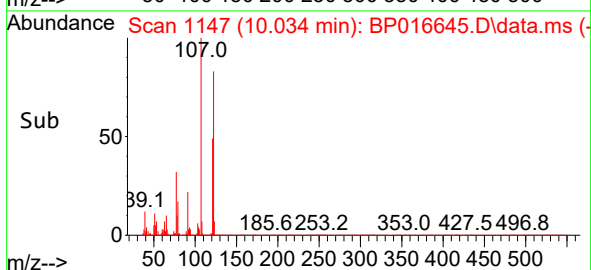
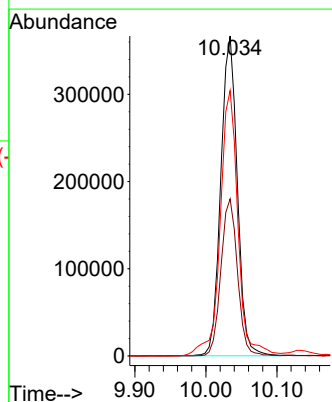
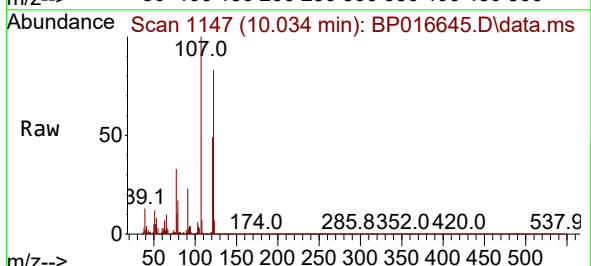
Tgt Ion:107 Resp: 589994

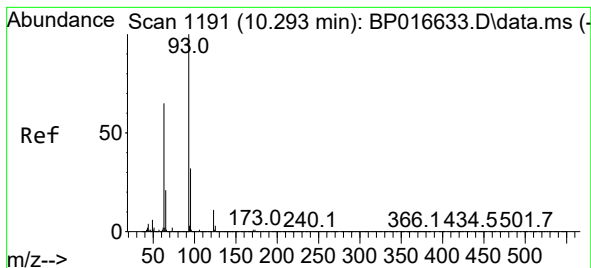
Ion Ratio Lower Upper

107 100

121 49.1 39.1 58.7

122 83.0 66.9 100.3

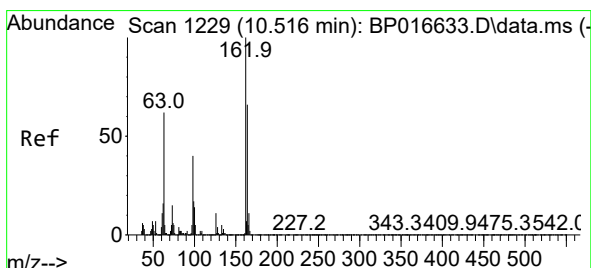
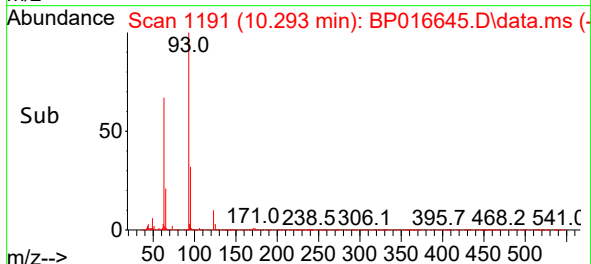
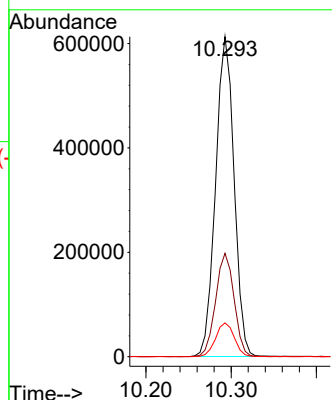
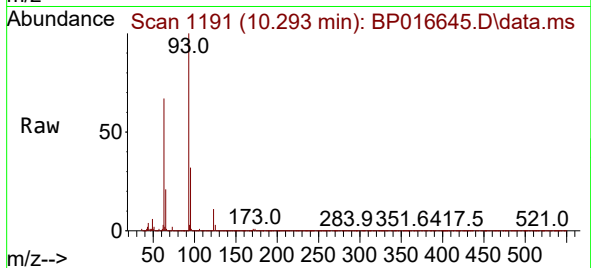




#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.647 ng/ul
 RT: 10.293 min Scan# 1191
 Delta R.T. -0.000 min
 Lab File: BP016645.D
 Acq: 18 Aug 2023 17:31

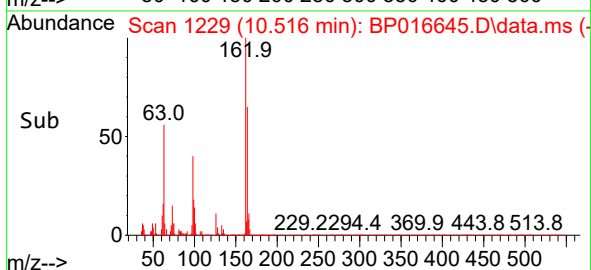
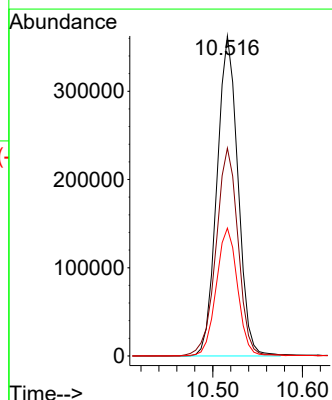
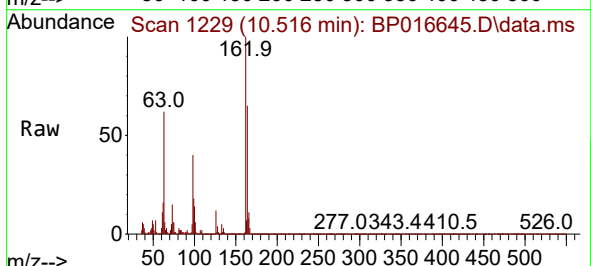
Instrument :
 BNA_P
 ClientSampleId :
 A48H4MSD

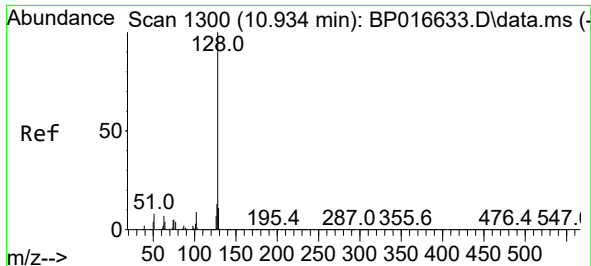
Tgt Ion: 93	Resp: 923594
Ion Ratio	Lower Upper
93 100	
95 32.3	25.8 38.8
123 10.6	8.7 13.1



#29
 2,4-Dichlorophenol
 Concen: 35.601 ng/ul
 RT: 10.516 min Scan# 1229
 Delta R.T. -0.000 min
 Lab File: BP016645.D
 Acq: 18 Aug 2023 17:31

Tgt Ion:162	Resp: 589525		
Ion Ratio	Lower	Upper	
162 100			
164 65.0	52.9	79.3	
98 39.9	32.7	49.1	

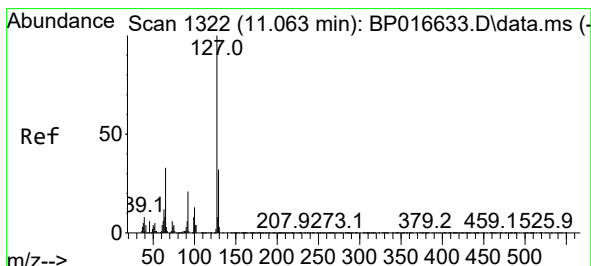
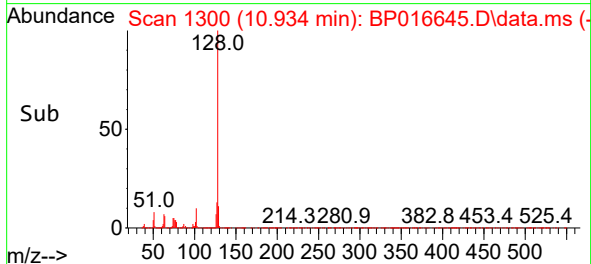
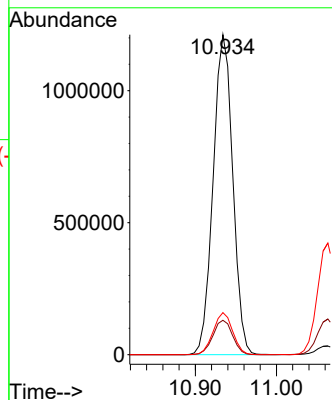
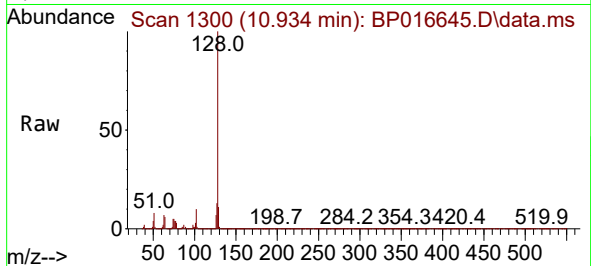




#30
Naphthalene
Concen: 31.861 ng/ul
RT: 10.934 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

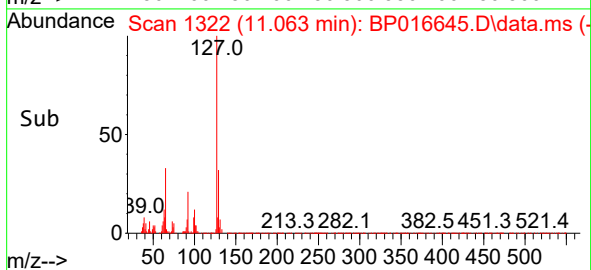
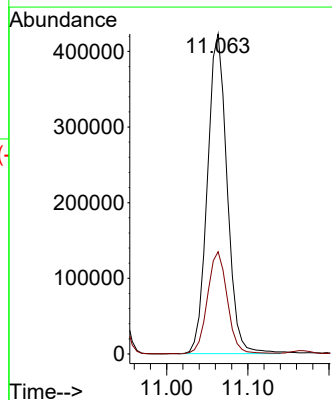
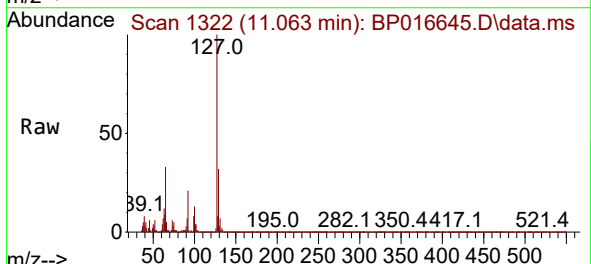
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

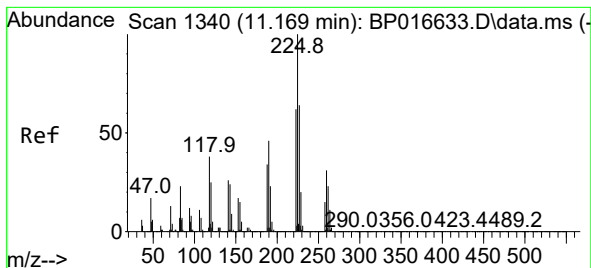
Tgt Ion:128 Resp: 2037103
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.3 15.5



#32
4-Chloroaniline
Concen: 26.079 ng/ul
RT: 11.063 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:127 Resp: 713284
Ion Ratio Lower Upper
127 100
129 32.0 25.6 38.4





#33

Hexachlorobutadiene

Concen: 32.226 ng/ul

RT: 11.169 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Instrument :

BNA_P

ClientSampleId :

A48H4MSD

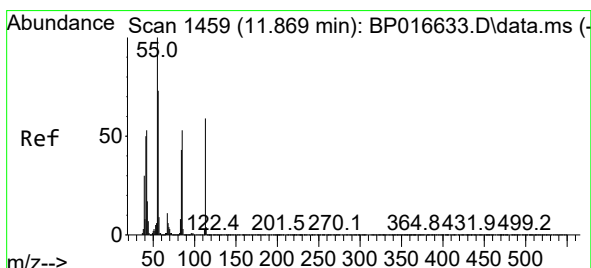
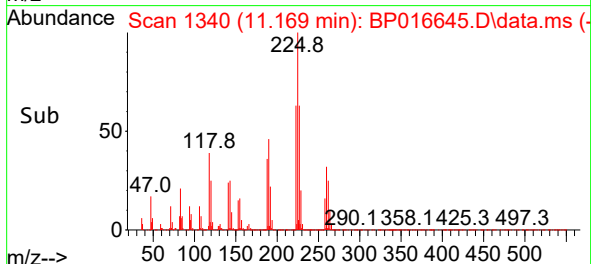
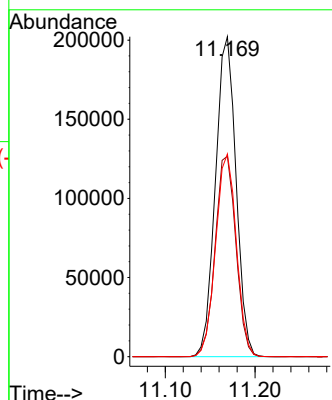
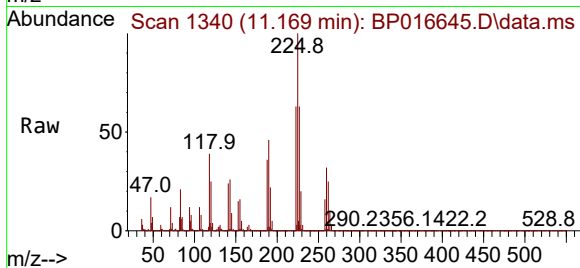
Tgt Ion:225 Resp: 321683

Ion Ratio Lower Upper

225 100

223 62.7 50.2 75.2

227 63.4 50.8 76.2



#34

Caprolactam

Concen: 35.551 ng/ul

RT: 11.881 min Scan# 1461

Delta R.T. 0.012 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

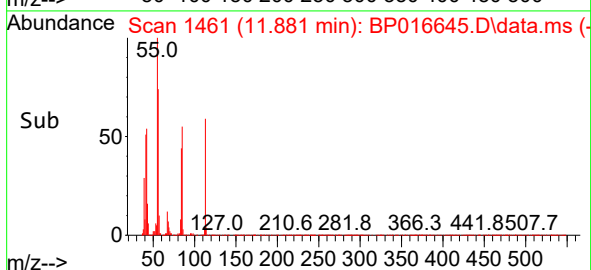
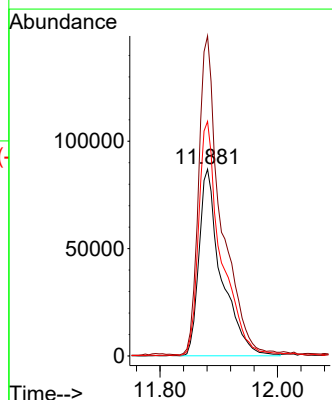
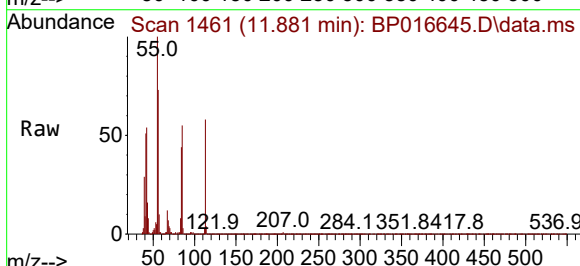
Tgt Ion:113 Resp: 229029

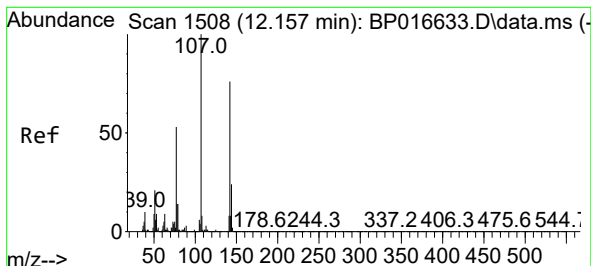
Ion Ratio Lower Upper

113 100

55 171.4 134.8 202.2

56 125.7 101.5 152.3

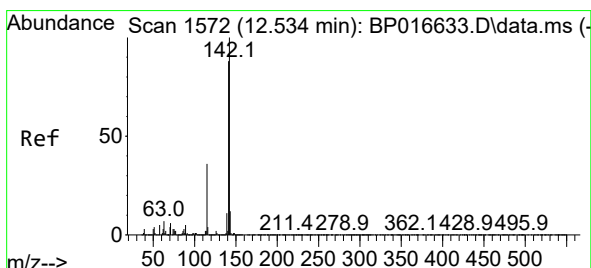
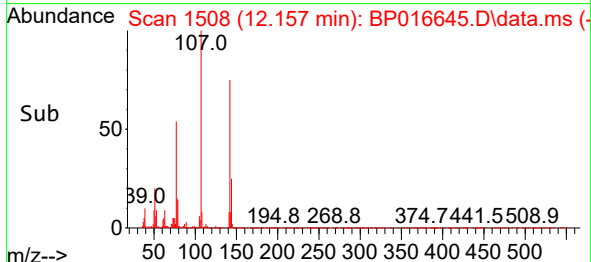
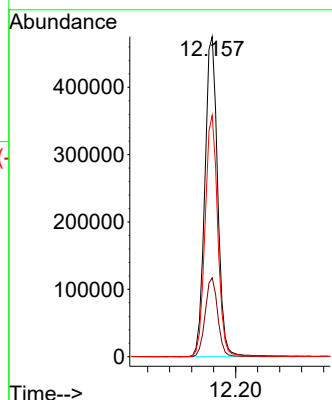
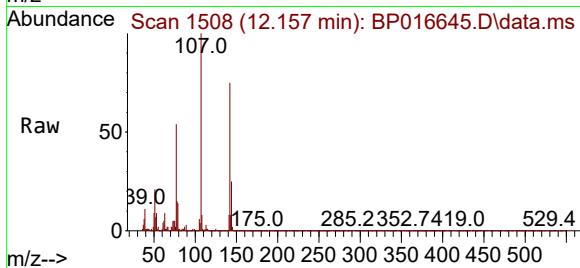




#35
4-Chloro-3-methylphenol
Concen: 37.836 ng/ul
RT: 12.157 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

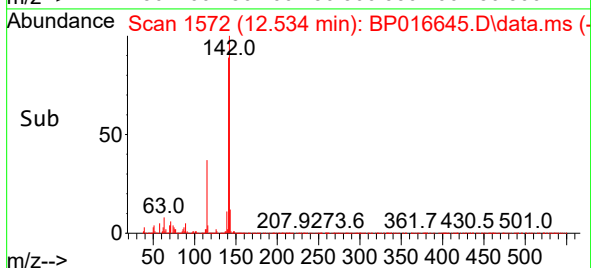
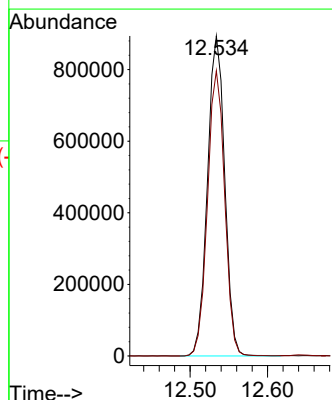
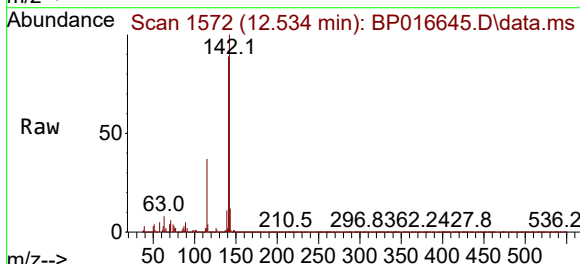
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

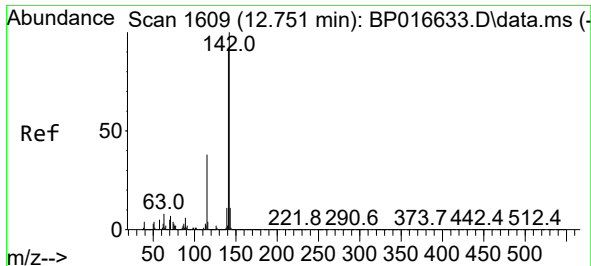
Tgt Ion:107 Resp: 765824
Ion Ratio Lower Upper
107 100
144 24.7 19.0 28.6
142 75.4 60.2 90.4



#36
2-Methylnaphthalene
Concen: 32.220 ng/ul
RT: 12.534 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:142 Resp: 1379934
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0





#37

1-Methylnaphthalene

Concen: 32.238 ng/ul

RT: 12.751 min Scan# 1609

Delta R.T. 0.000 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Instrument :

BNA_P

ClientSampleId :

A48H4MSD

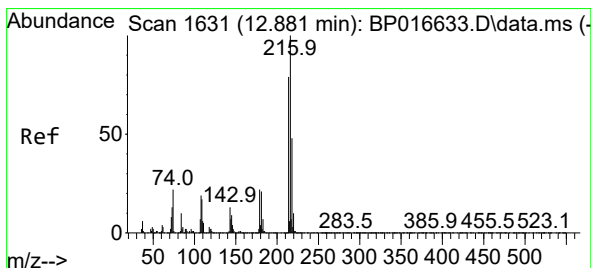
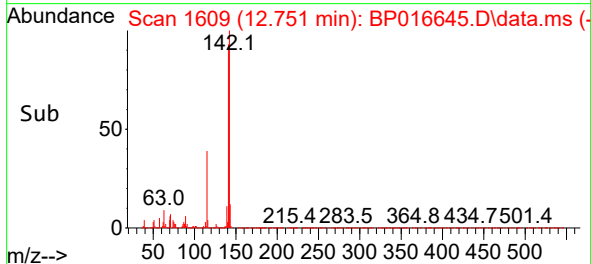
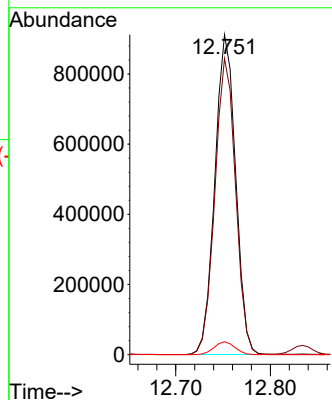
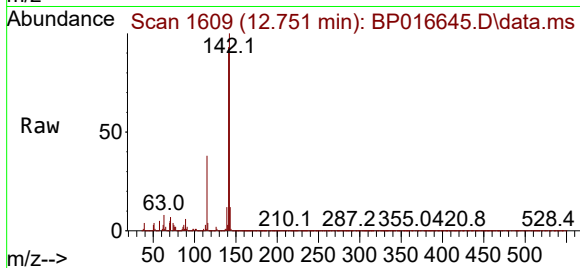
Tgt Ion:142 Resp: 1390222

Ion Ratio Lower Upper

142 100

141 92.6 74.5 111.7

116 4.0 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.340 ng/ul

RT: 12.881 min Scan# 1631

Delta R.T. -0.000 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Tgt Ion:216 Resp: 671044

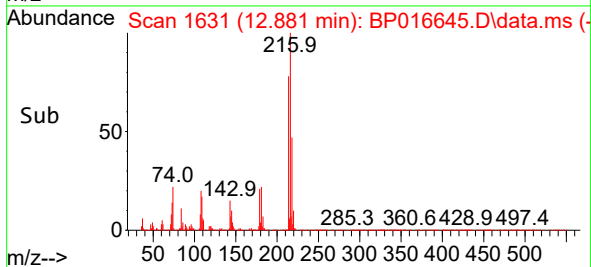
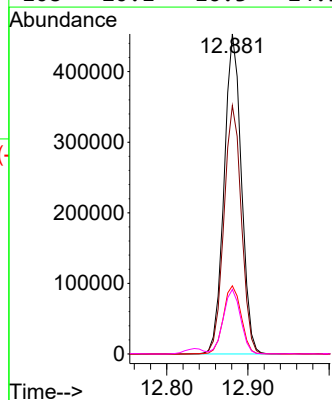
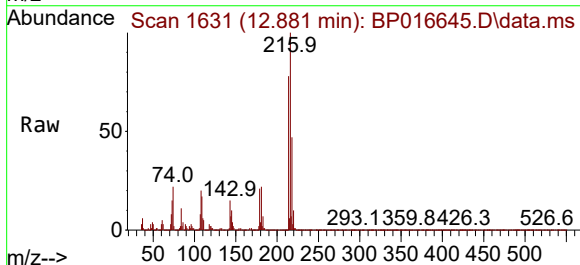
Ion Ratio Lower Upper

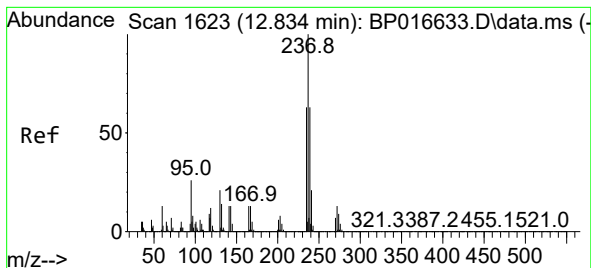
216 100

214 77.6 63.8 95.6

179 21.3 17.9 26.9

108 20.1 16.3 24.5





#40

Hexachlorocyclopentadiene

Concen: 22.207 ng/ul

RT: 12.834 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Instrument :

BNA_P

ClientSampleId :

A48H4MSD

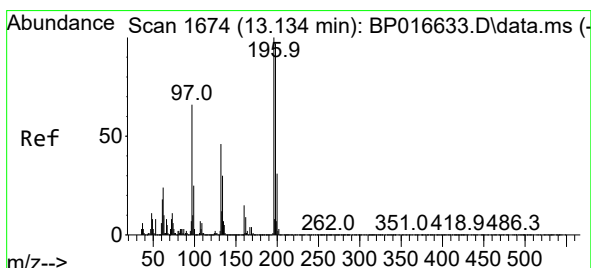
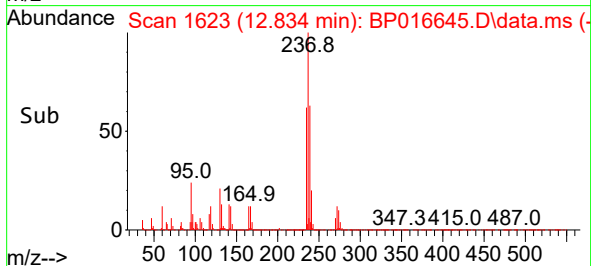
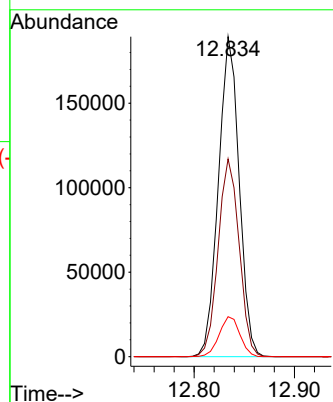
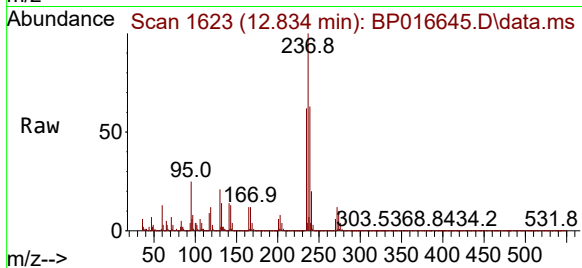
Tgt Ion:237 Resp: 271955

Ion Ratio Lower Upper

237 100

235 61.8 49.7 74.5

272 12.5 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 38.777 ng/ul

RT: 13.128 min Scan# 1673

Delta R.T. -0.006 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

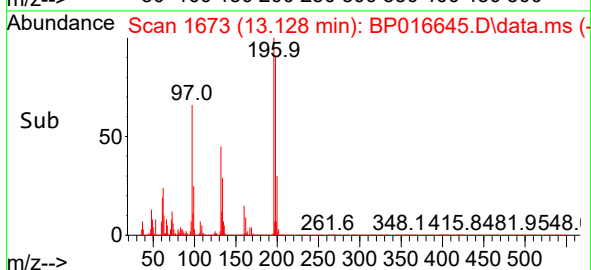
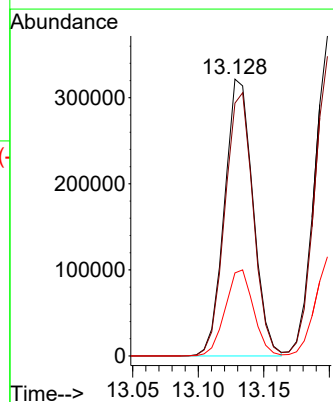
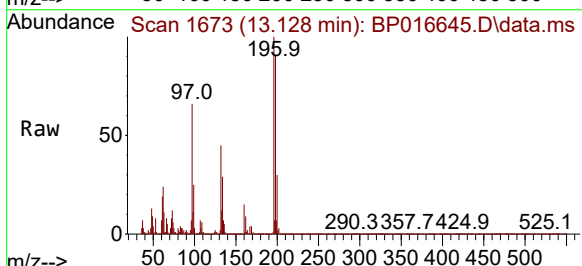
Tgt Ion:196 Resp: 485736

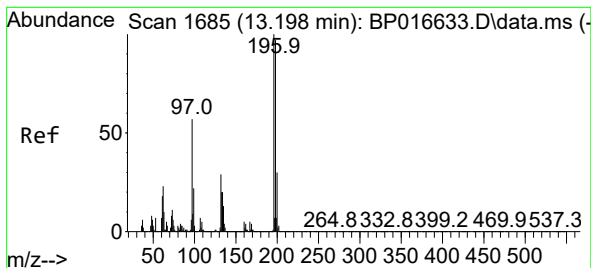
Ion Ratio Lower Upper

196 100

198 91.4 77.0 115.4

200 30.0 24.9 37.3





#42

2,4,5-Trichlorophenol

Concen: 39.668 ng/ul

RT: 13.199 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Instrument :

BNA_P

ClientSampleId :

A48H4MSD

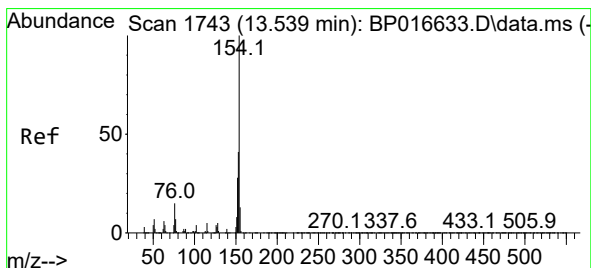
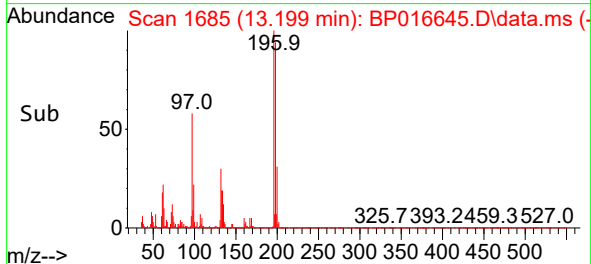
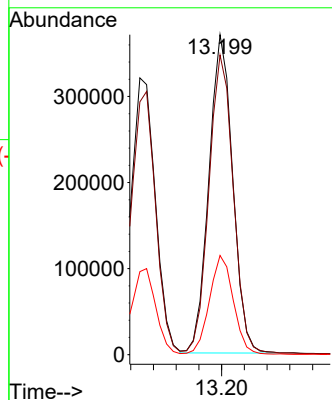
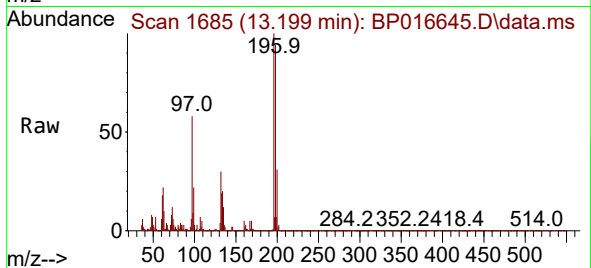
Tgt Ion:196 Resp: 538624

Ion Ratio Lower Upper

196 100

198 93.6 76.7 115.1

200 31.0 24.2 36.2



#43

1,1'-Biphenyl

Concen: 32.786 ng/ul

RT: 13.540 min Scan# 1743

Delta R.T. -0.000 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

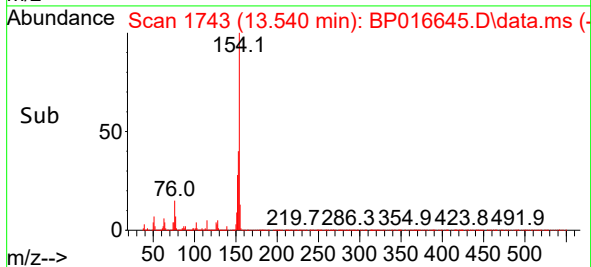
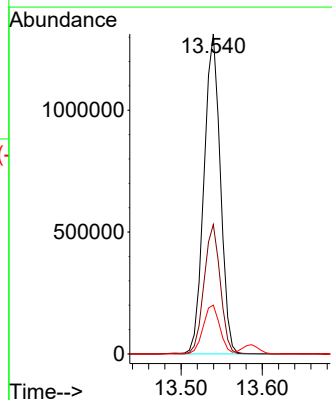
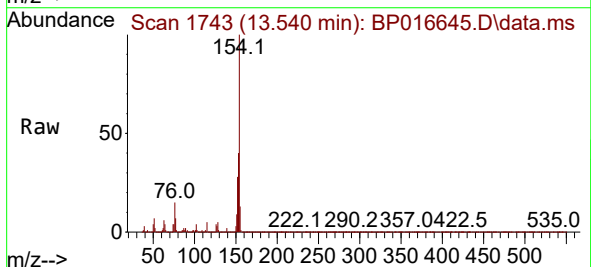
Tgt Ion:154 Resp: 1833854

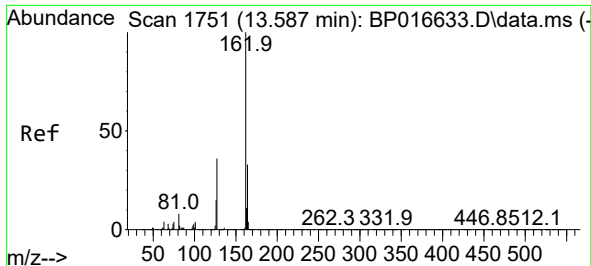
Ion Ratio Lower Upper

154 100

153 40.4 31.4 47.2

76 15.3 13.0 19.4

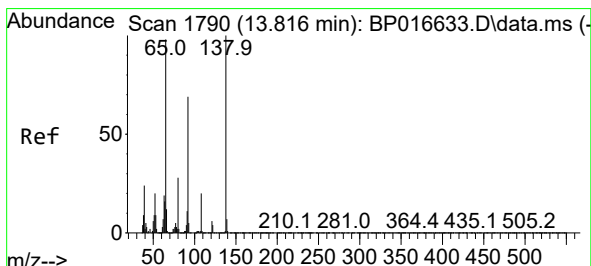
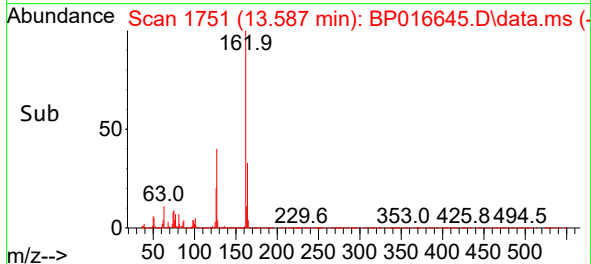
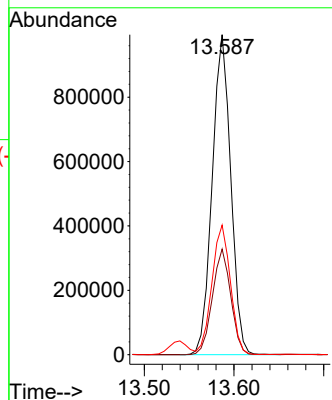
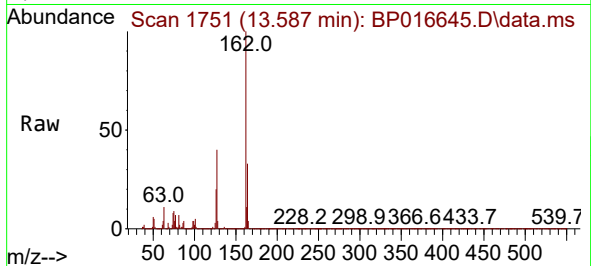




#44
2-Chloronaphthalene
Concen: 32.769 ng/ul
RT: 13.587 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

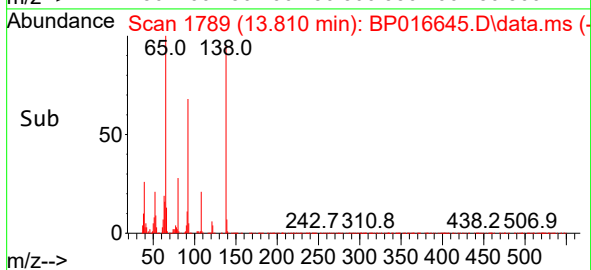
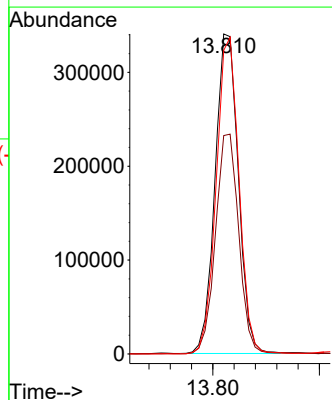
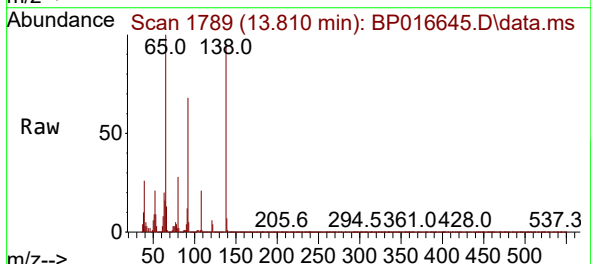
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

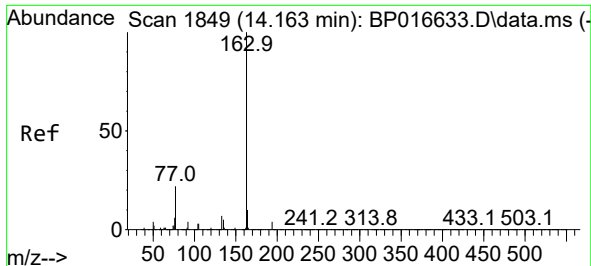
Tgt Ion:162 Resp: 1426111
Ion Ratio Lower Upper
162 100
164 33.0 25.8 38.6
127 40.5 32.9 49.3



#45
2-Nitroaniline
Concen: 39.223 ng/ul
RT: 13.810 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion: 65 Resp: 516123
Ion Ratio Lower Upper
65 100
92 68.3 54.5 81.7
138 94.9 72.1 108.1

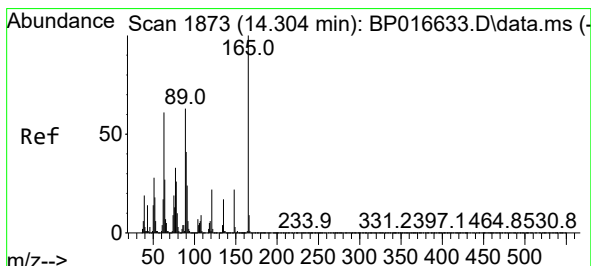
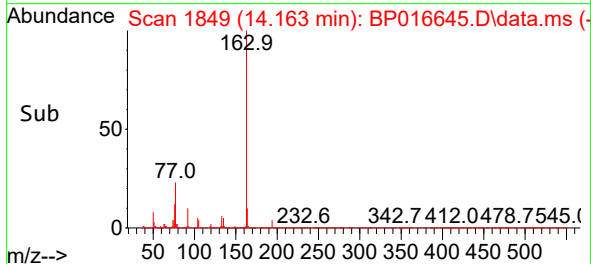
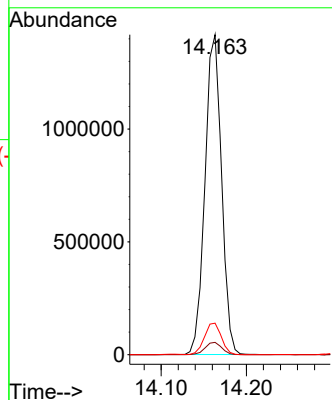
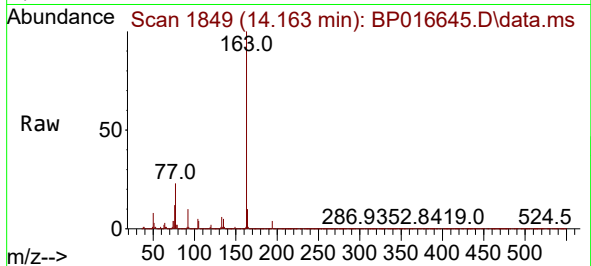




#47
Dimethylphthalate
Concen: 34.398 ng/ul
RT: 14.163 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

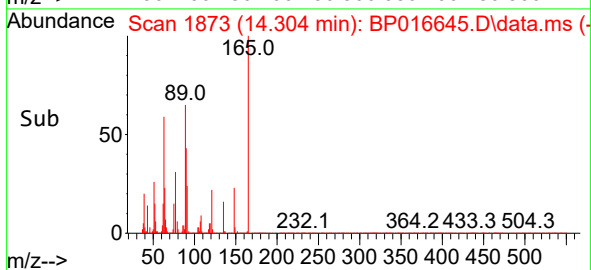
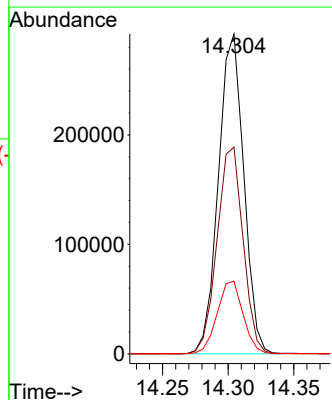
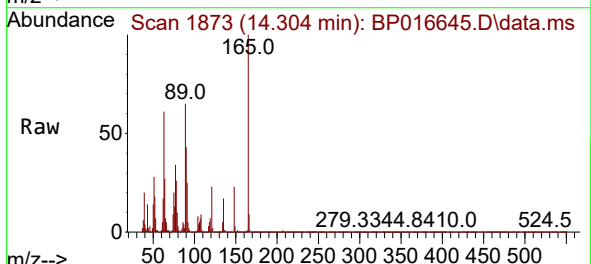
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

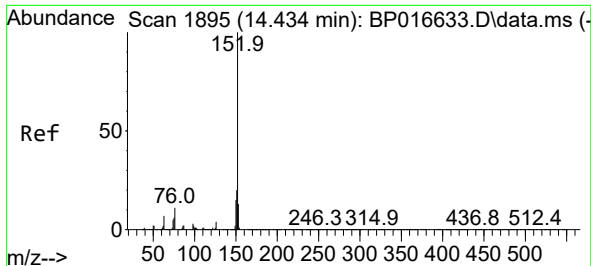
Tgt Ion:163 Resp: 1914234
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.8 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 40.742 ng/ul
RT: 14.304 min Scan# 1873
Delta R.T. 0.006 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:165 Resp: 392709
Ion Ratio Lower Upper
165 100
89 64.6 53.2 79.8
121 22.7 18.8 28.2

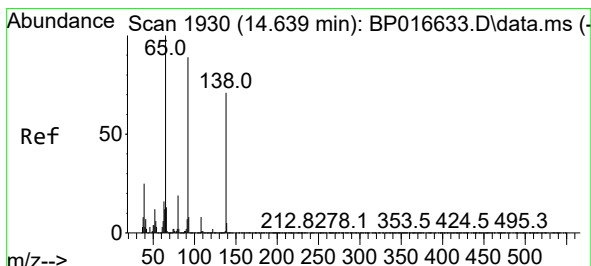
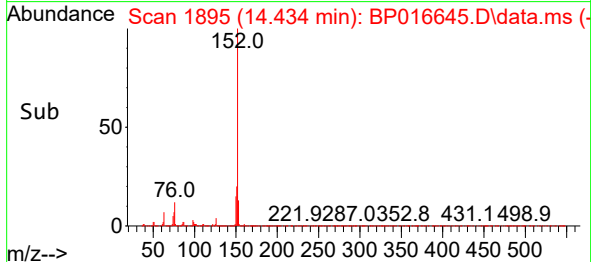
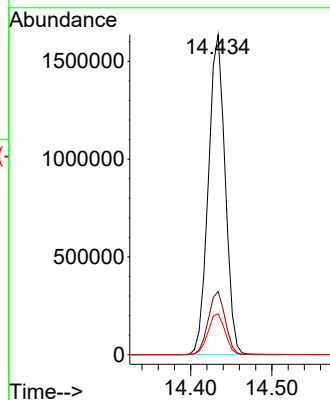
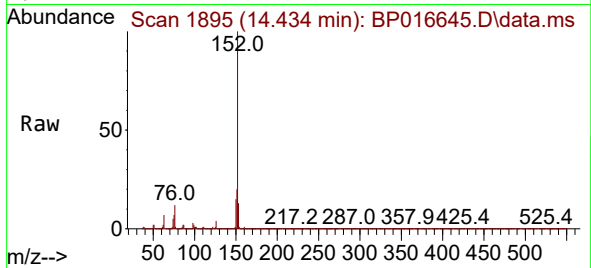




#50
Acenaphthylene
Concen: 32.441 ng/ul
RT: 14.434 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

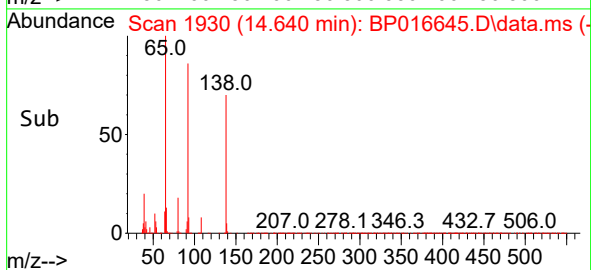
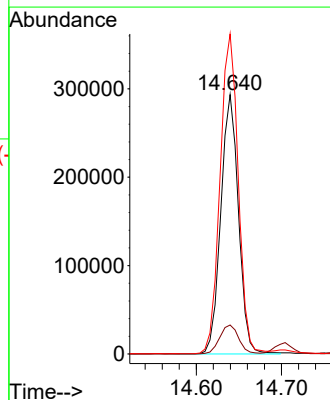
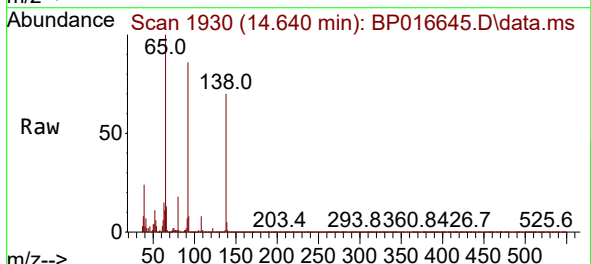
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

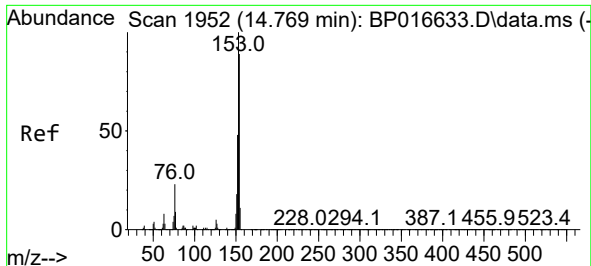
Tgt Ion:152 Resp: 2347105
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 12.8 10.6 15.8



#51
3-Nitroaniline
Concen: 39.102 ng/ul
RT: 14.640 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:138 Resp: 422610
Ion Ratio Lower Upper
138 100
108 11.1 10.9 16.3
92 123.4 105.0 157.6

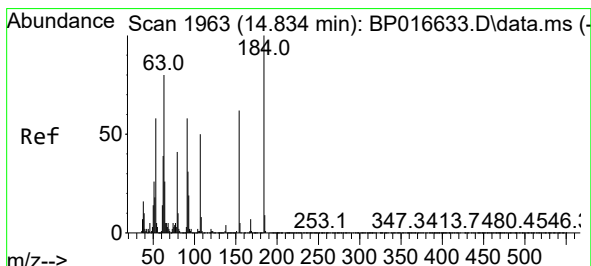
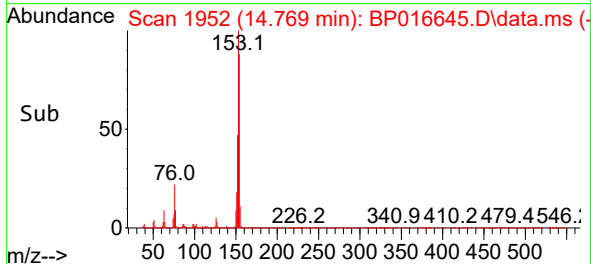
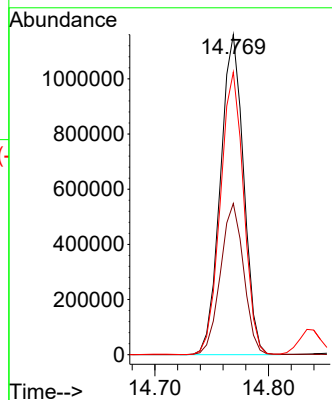
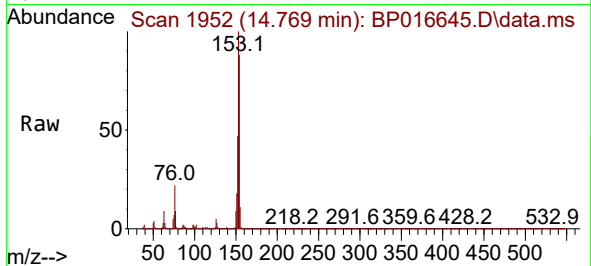




#52
Acenaphthene
Concen: 34.052 ng/ul
RT: 14.769 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

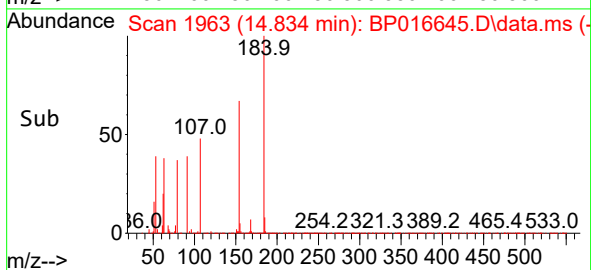
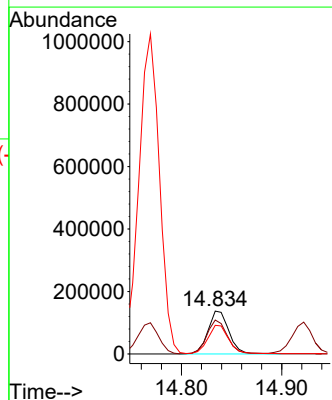
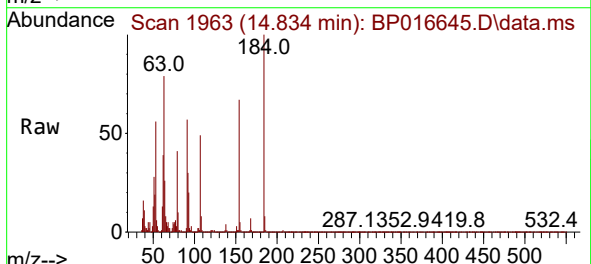
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

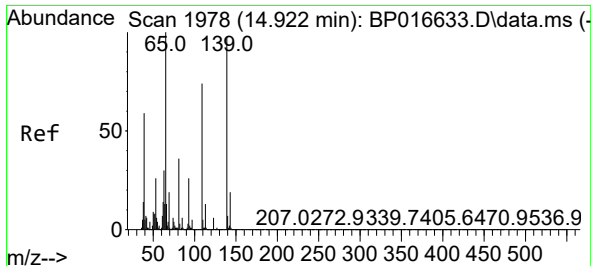
Tgt Ion:153 Resp: 1649150
Ion Ratio Lower Upper
153 100
152 47.2 38.7 58.1
154 88.3 72.0 108.0



#53
2,4-Dinitrophenol
Concen: 36.989 ng/ul
RT: 14.834 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:184 Resp: 198484
Ion Ratio Lower Upper
184 100
63 79.0 65.0 97.6
154 66.8 56.2 84.2

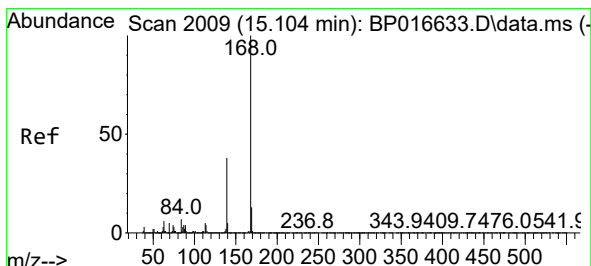
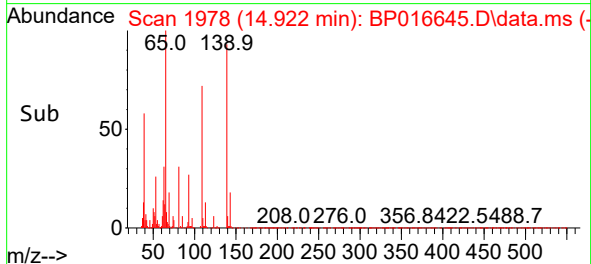
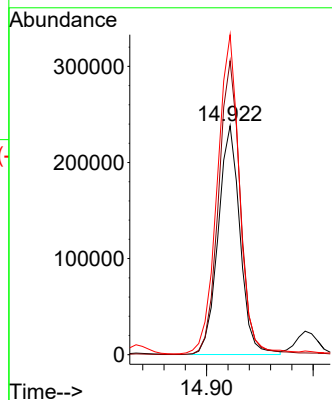
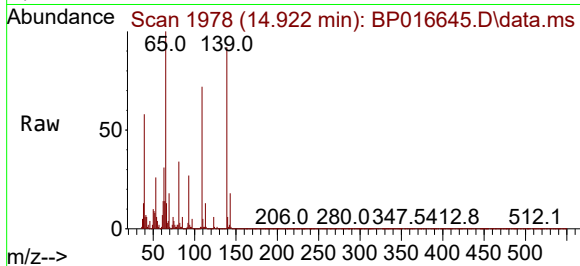




#55
4-Nitrophenol
Concen: 37.538 ng/ul
RT: 14.922 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

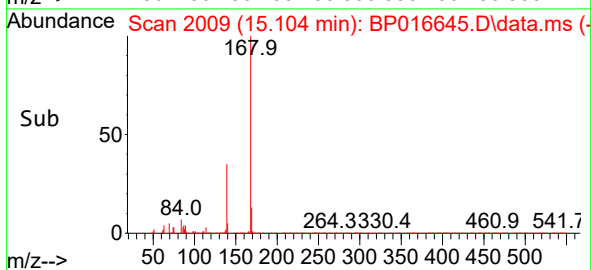
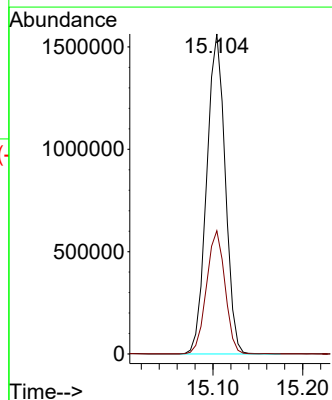
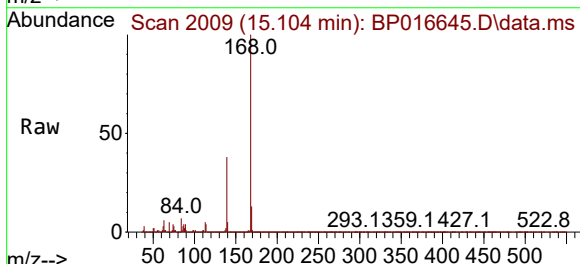
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

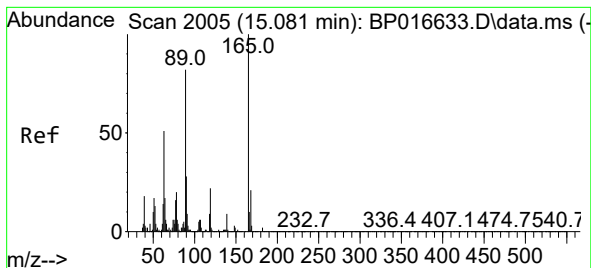
Tgt Ion:109 Resp: 338368
Ion Ratio Lower Upper
109 100
139 128.4 101.1 151.7
65 139.8 108.9 163.3



#56
Dibenzofuran
Concen: 33.898 ng/ul
RT: 15.104 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:168 Resp: 2239902
Ion Ratio Lower Upper
168 100
139 38.5 31.4 47.0

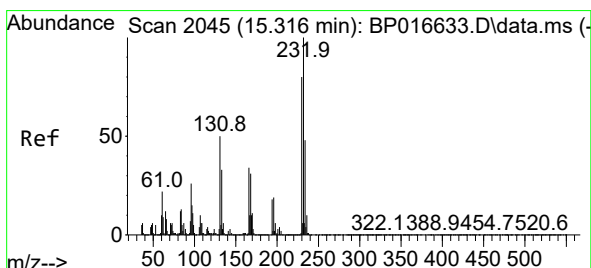
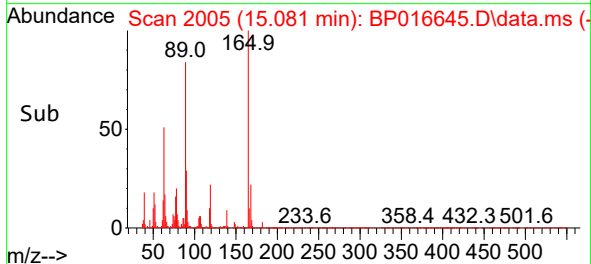
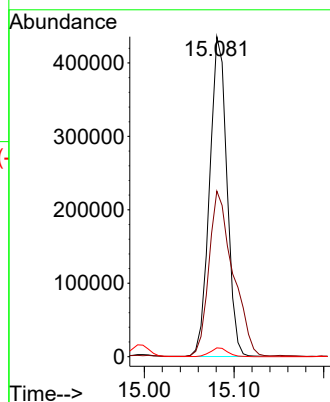
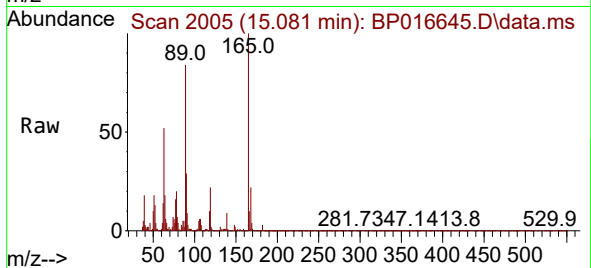




#57
2,4-Dinitrotoluene
Concen: 40.496 ng/ul
RT: 15.081 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

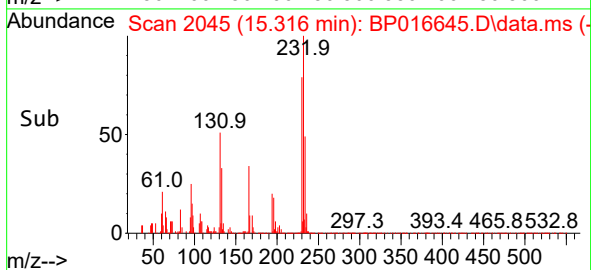
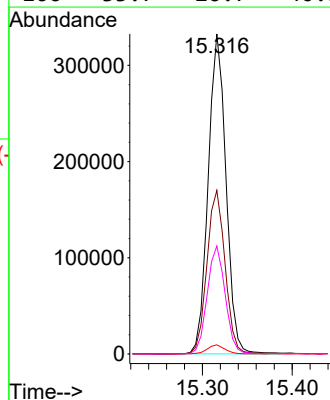
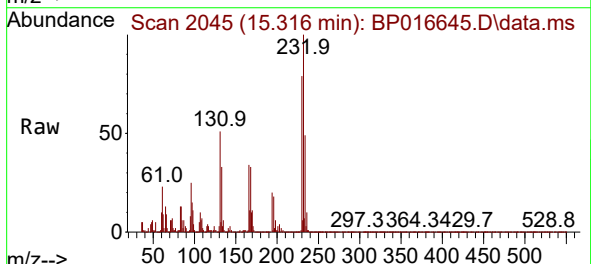
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

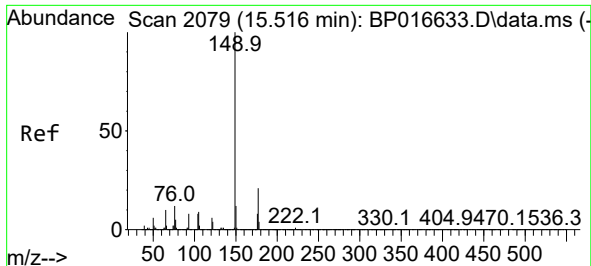
Tgt Ion:165 Resp: 584534
Ion Ratio Lower Upper
165 100
63 51.8 40.4 60.6
182 2.7 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 40.277 ng/ul
RT: 15.316 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:232 Resp: 458208
Ion Ratio Lower Upper
232 100
131 51.1 42.9 64.3
130 2.8 2.2 3.4
166 33.7 26.7 40.1

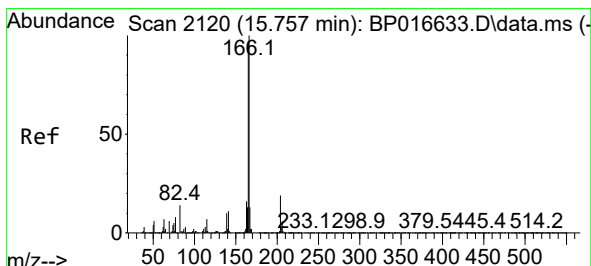
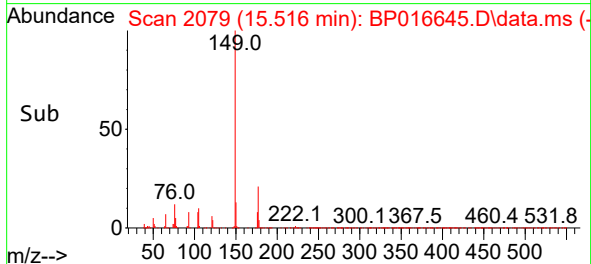
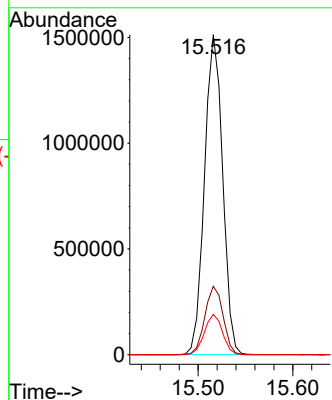
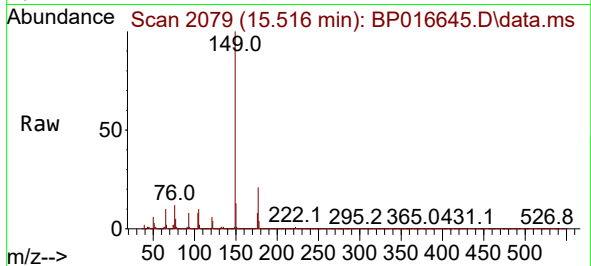




#59
Diethylphthalate
Concen: 35.220 ng/ul
RT: 15.516 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

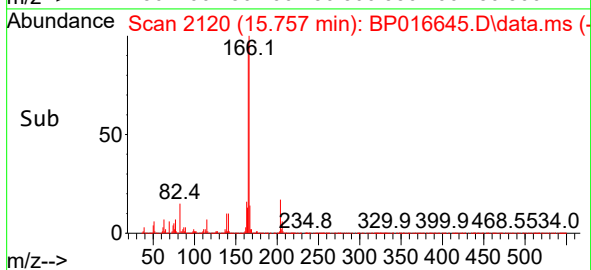
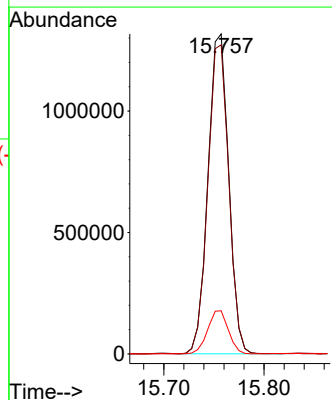
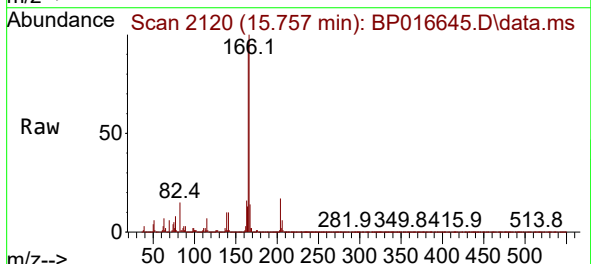
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

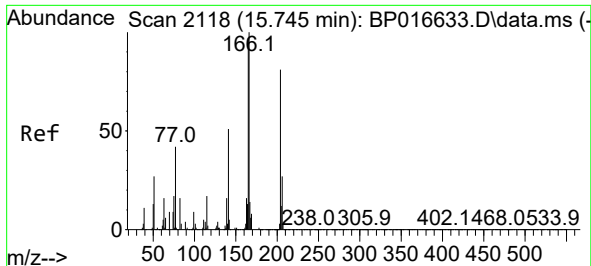
Tgt Ion:149 Resp: 2003941
Ion Ratio Lower Upper
149 100
177 21.4 16.5 24.7
150 12.6 10.0 15.0



#61
Fluorene
Concen: 34.887 ng/ul
RT: 15.757 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:166 Resp: 1890223
Ion Ratio Lower Upper
166 100
165 96.6 78.3 117.5
167 13.5 10.8 16.2

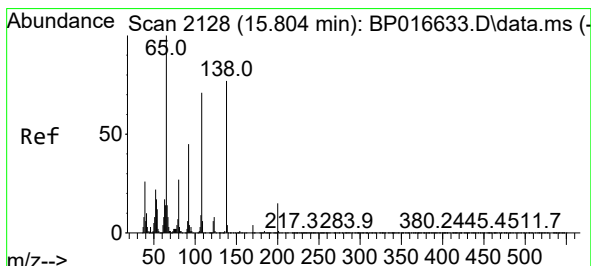
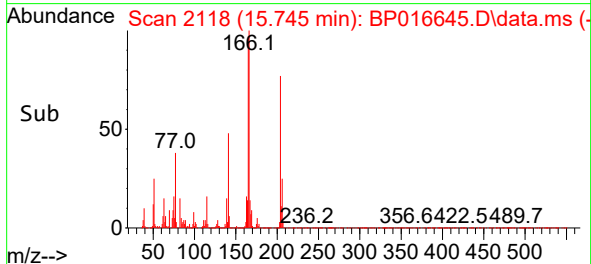
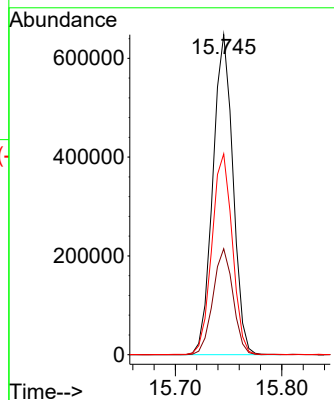
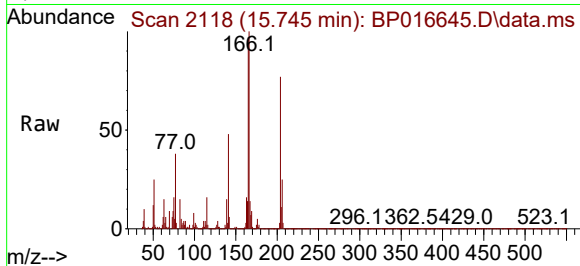




#62
4-Chlorophenyl-phenylether
Concen: 33.424 ng/ul
RT: 15.745 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

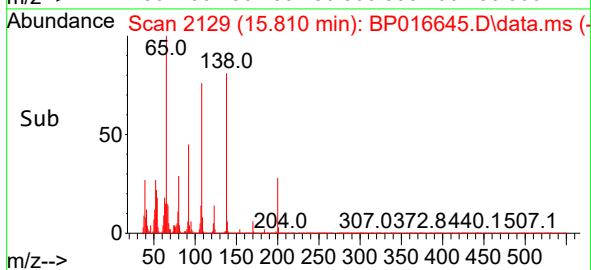
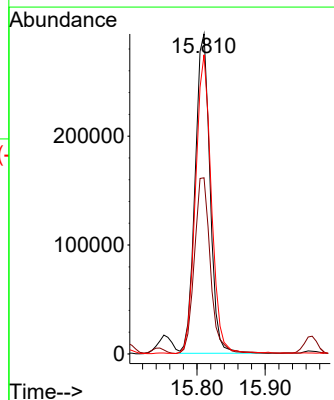
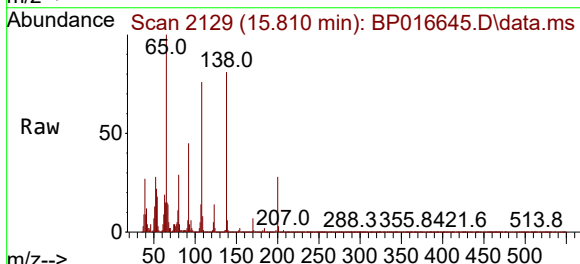
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

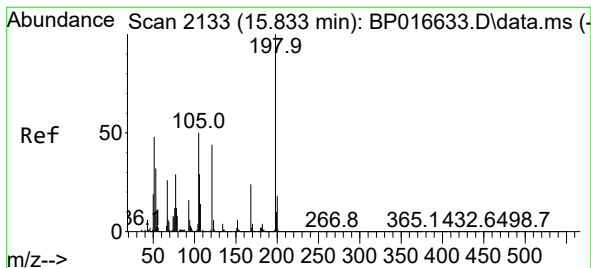
Tgt Ion:204 Resp: 850107
Ion Ratio Lower Upper
204 100
206 33.1 25.5 38.3
141 62.7 52.2 78.2



#63
4-Nitroaniline
Concen: 42.860 ng/ul
RT: 15.810 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:138 Resp: 443301
Ion Ratio Lower Upper
138 100
92 55.1 46.7 70.1
108 93.5 73.7 110.5

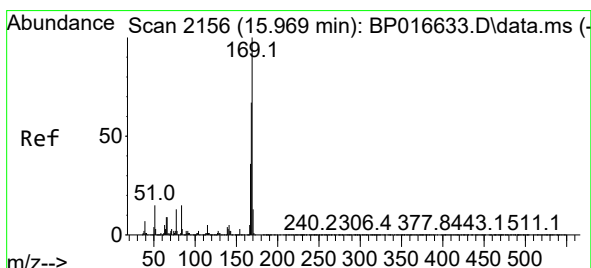
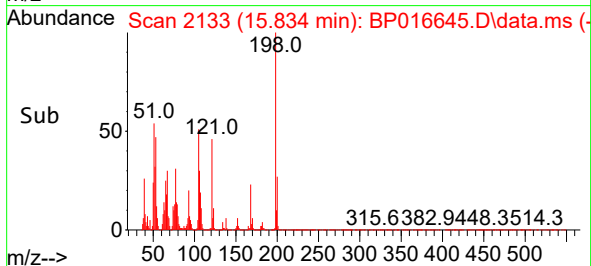
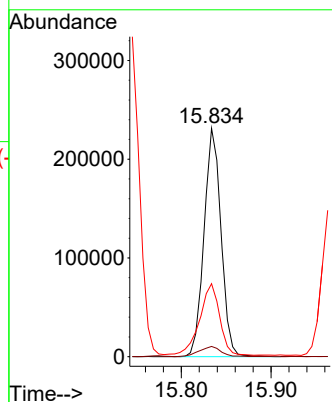
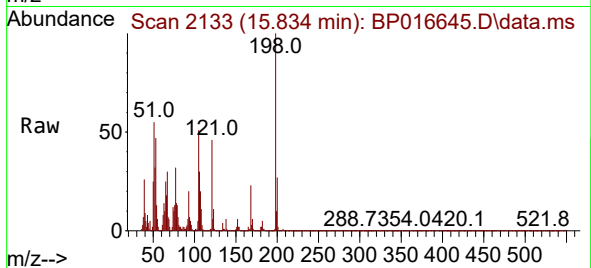




#66
 4,6-Dinitro-2-methylphenol
 Concen: 35.274 ng/ul
 RT: 15.834 min Scan# 2133
 Delta R.T. 0.006 min
 Lab File: BP016645.D
 Acq: 18 Aug 2023 17:31

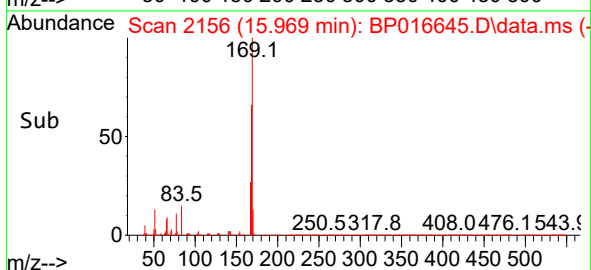
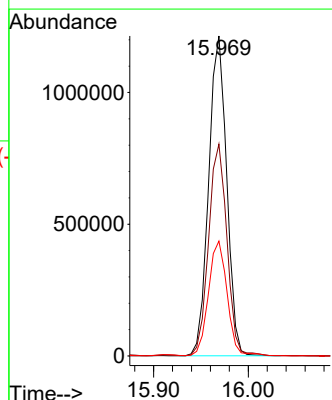
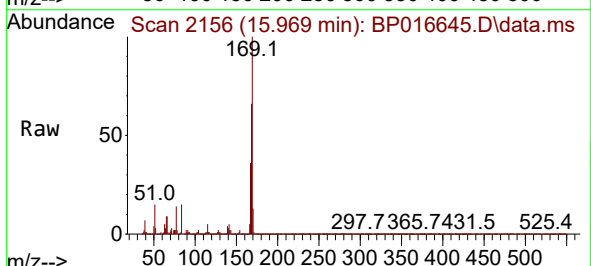
Instrument :
 BNA_P
 ClientSampleId :
 A48H4MSD

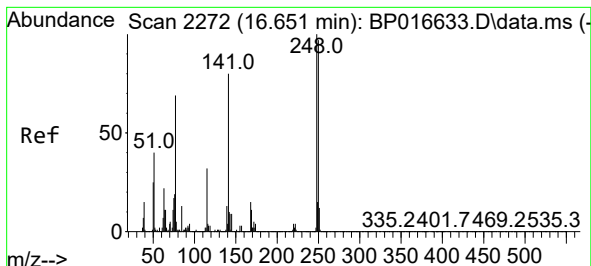
Tgt Ion:198 Resp: 303587
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.9 5.9
 77 32.0 25.8 38.6



#67
 N-Nitrosodiphenylamine
 Concen: 36.277 ng/ul
 RT: 15.969 min Scan# 2156
 Delta R.T. 0.006 min
 Lab File: BP016645.D
 Acq: 18 Aug 2023 17:31

Tgt Ion:169 Resp: 1604445
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.9 80.9
 167 35.9 29.0 43.6

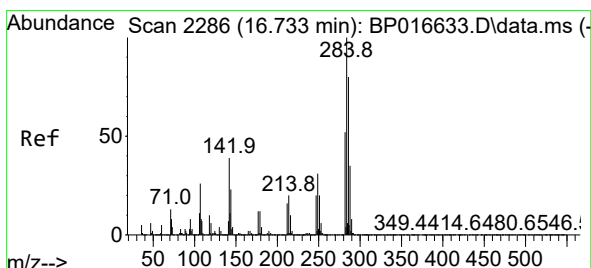
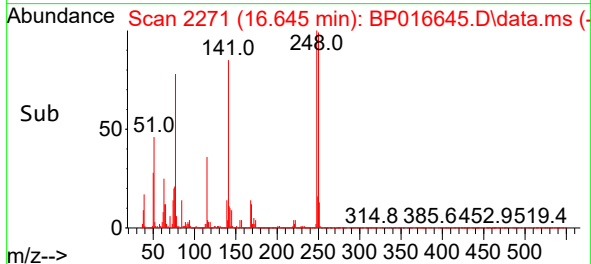
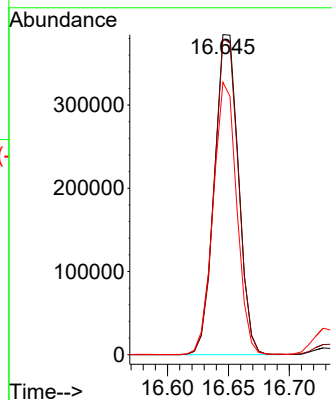
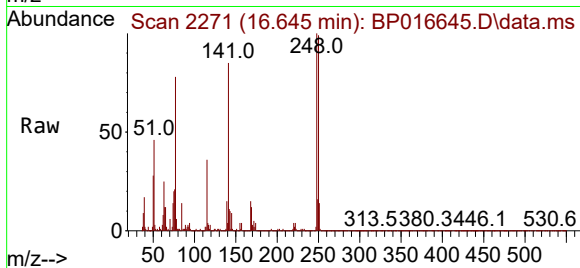




#68
4-Bromophenyl-phenylether
Concen: 36.455 ng/ul
RT: 16.645 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

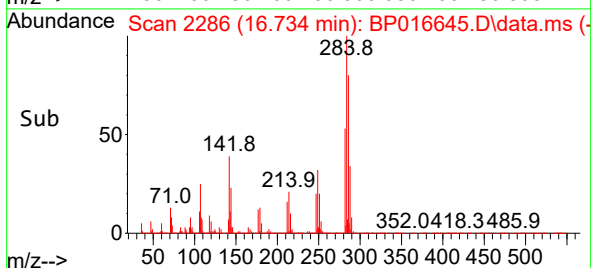
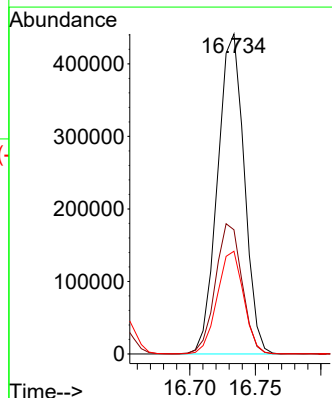
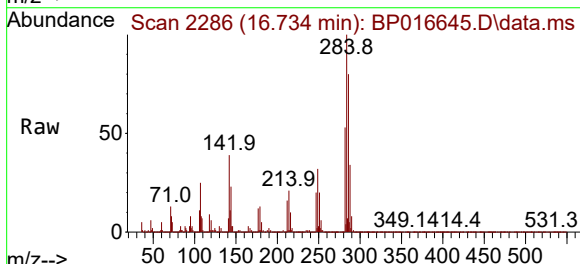
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

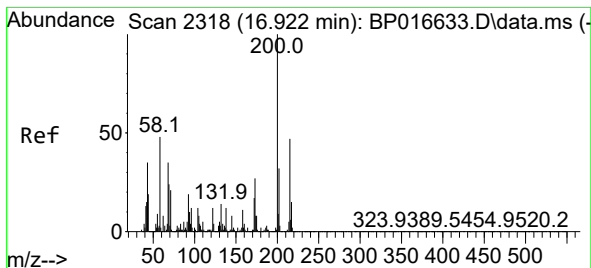
Tgt Ion:248 Resp: 531072
Ion Ratio Lower Upper
248 100
250 98.7 76.9 115.3
141 85.1 67.6 101.4



#69
Hexachlorobenzene
Concen: 36.678 ng/ul
RT: 16.734 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:284 Resp: 624339
Ion Ratio Lower Upper
284 100
142 38.8 31.9 47.9
249 32.1 24.7 37.1





#70

Atrazine

Concen: 35.074 ng/ul

RT: 16.922 min Scan# 2318

Delta R.T. 0.006 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Instrument :

BNA_P

ClientSampleId :

A48H4MSD

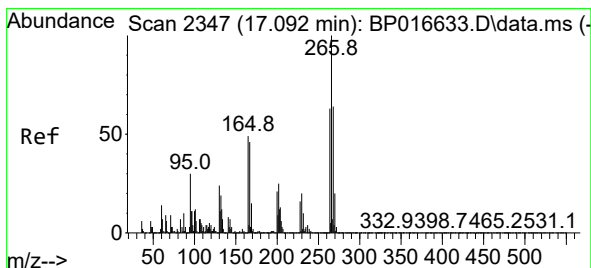
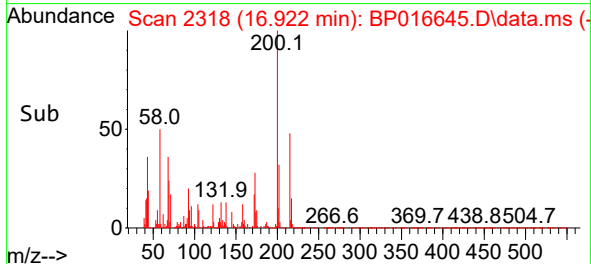
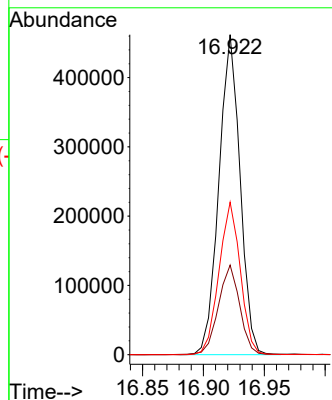
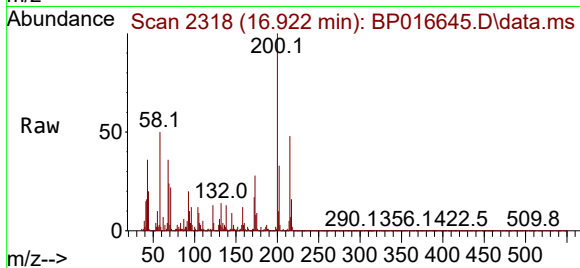
Tgt Ion:200 Resp: 558086

Ion Ratio Lower Upper

200 100

173 28.0 22.2 33.2

215 47.6 38.4 57.6



#71

Pentachlorophenol

Concen: 34.550 ng/ul

RT: 17.092 min Scan# 2347

Delta R.T. -0.000 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

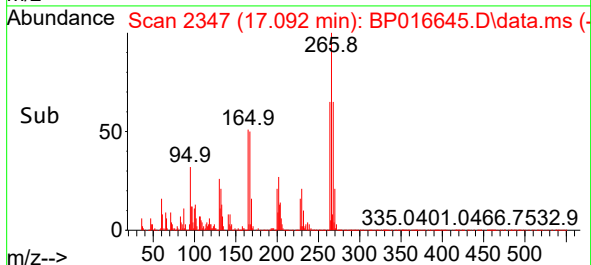
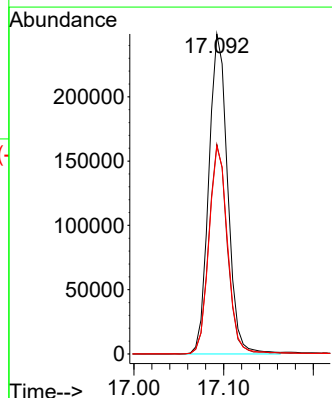
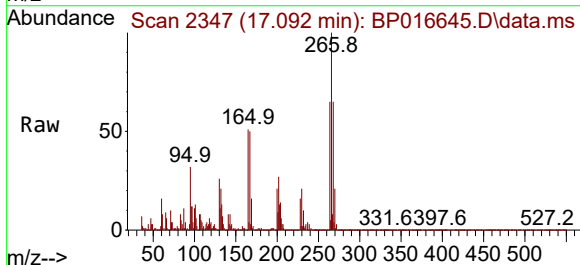
Tgt Ion:266 Resp: 362089

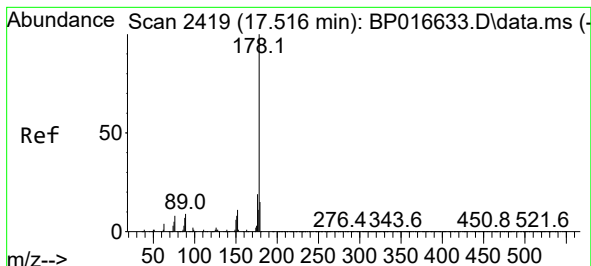
Ion Ratio Lower Upper

266 100

264 65.5 50.7 76.1

268 64.9 53.0 79.6





#72

Phenanthrene

Concen: 45.816 ng/ul

RT: 17.516 min Scan# 2419

Delta R.T. 0.006 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Instrument :

BNA_P

ClientSampleId :

A48H4MSD

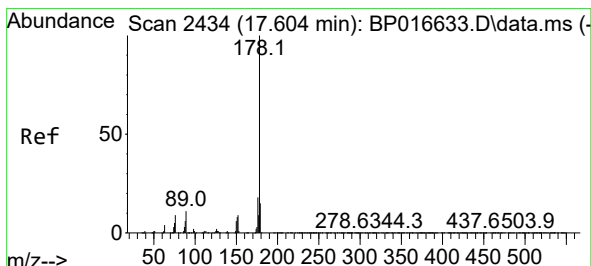
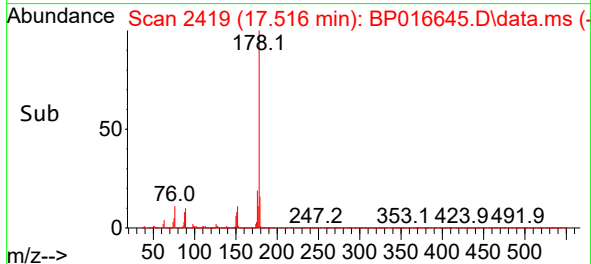
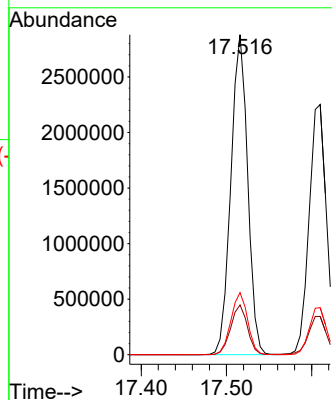
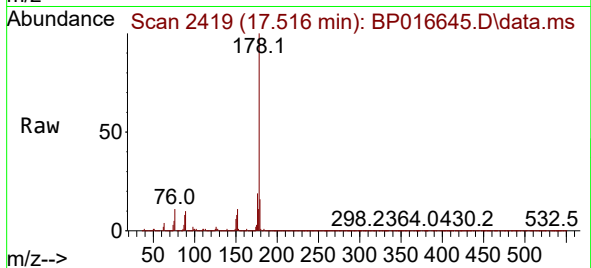
Tgt Ion:178 Resp: 3938372

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.4 15.5 23.3



#74

Anthracene

Concen: 36.912 ng/ul

RT: 17.610 min Scan# 2435

Delta R.T. 0.006 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

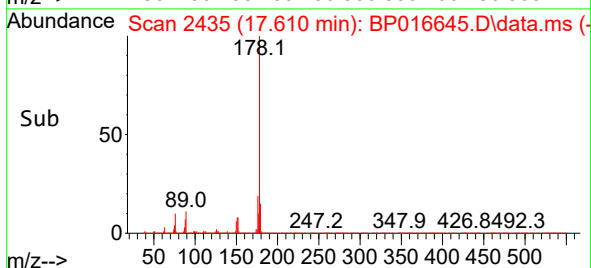
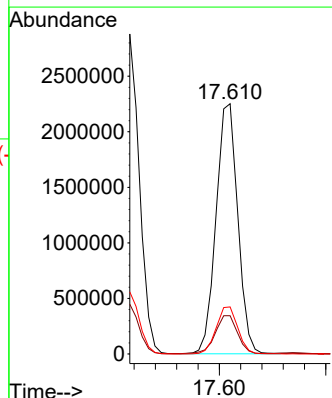
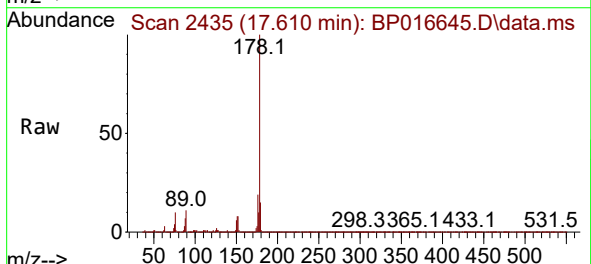
Tgt Ion:178 Resp: 3187089

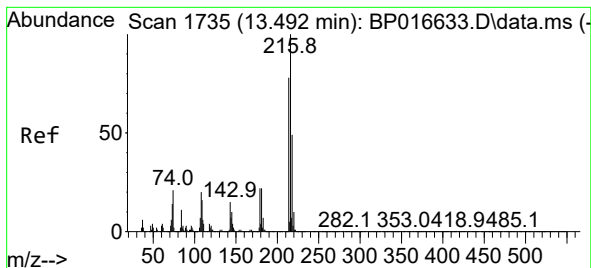
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.8 14.9 22.3

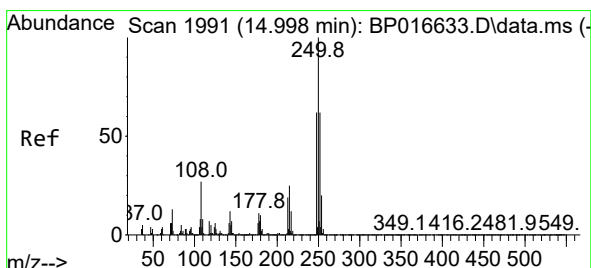
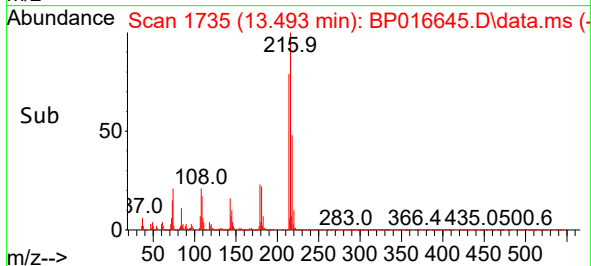
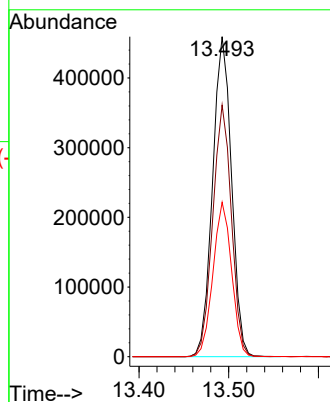
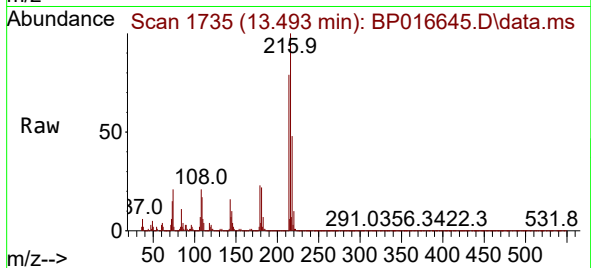




#75
1,2,3,4-Tetrachlorobenzene
Concen: 32.453 ng/uL
RT: 13.493 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

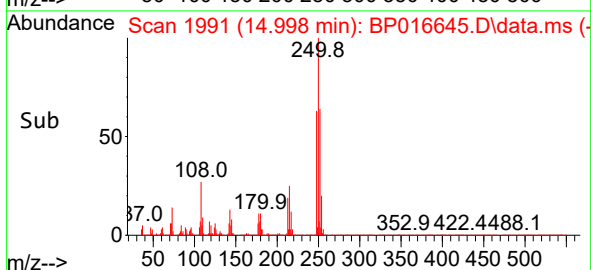
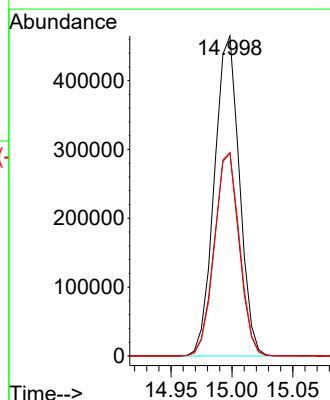
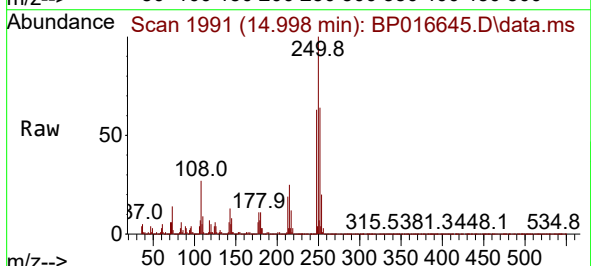
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

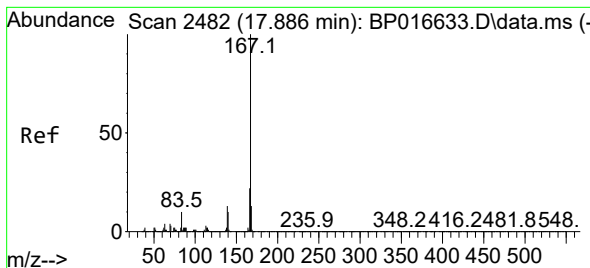
Tgt Ion:216 Resp: 672913
Ion Ratio Lower Upper
216 100
214 78.7 65.4 98.2
218 48.3 39.3 58.9



#76
Pentachlorobenzene
Concen: 35.717 ng/uL
RT: 14.998 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:250 Resp: 664498
Ion Ratio Lower Upper
250 100
248 63.4 50.2 75.2
252 63.5 51.0 76.4





#77

Carbazole

Concen: 39.152 ng/ul

RT: 17.887 min Scan# 2482

Delta R.T. 0.006 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Instrument :

BNA_P

ClientSampleId :

A48H4MSD

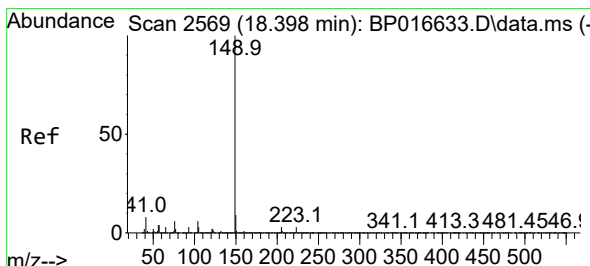
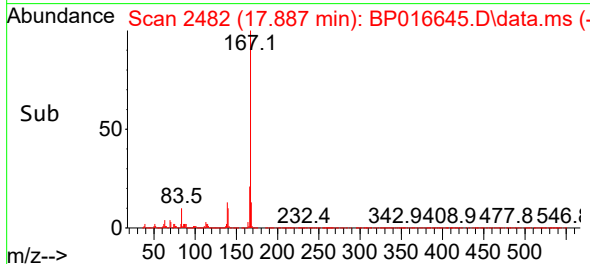
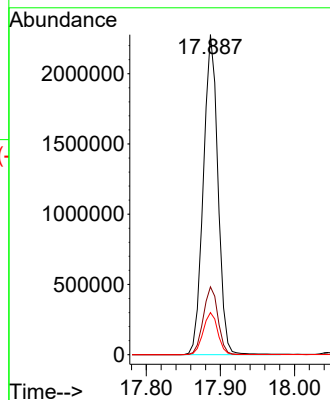
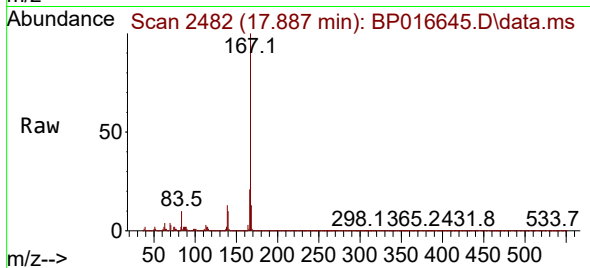
Tgt Ion:167 Resp: 3115236

Ion Ratio Lower Upper

167 100

166 21.2 16.8 25.2

139 13.2 10.6 16.0



#78

Di-n-butylphthalate

Concen: 41.210 ng/ul

RT: 18.398 min Scan# 2569

Delta R.T. 0.006 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

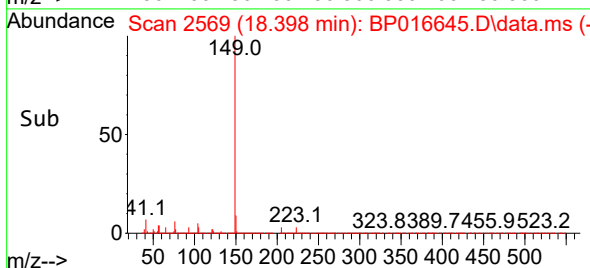
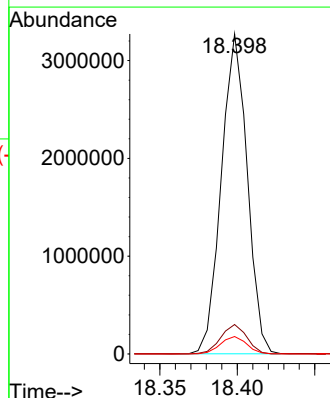
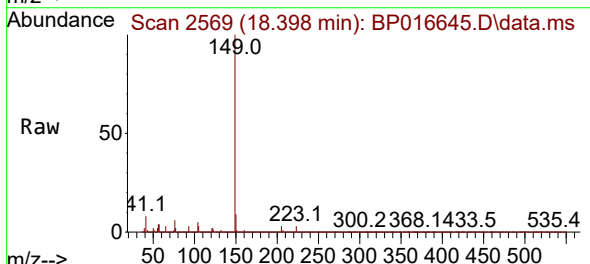
Tgt Ion:149 Resp: 3795825

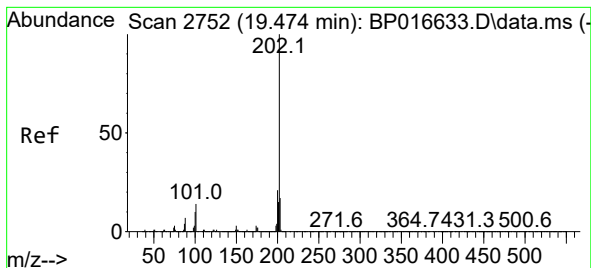
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.5 4.6 6.8





#80

Fluoranthene

Concen: 52.883 ng/ul

RT: 19.475 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Instrument :

BNA_P

ClientSampleId :

A48H4MSD

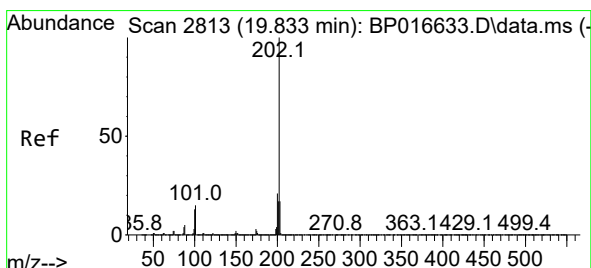
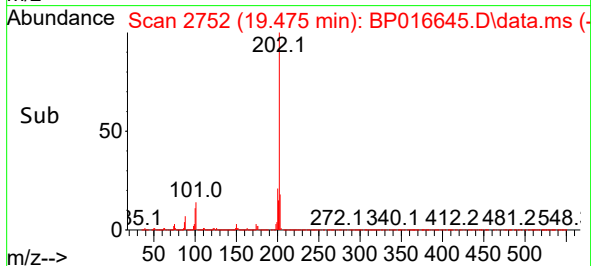
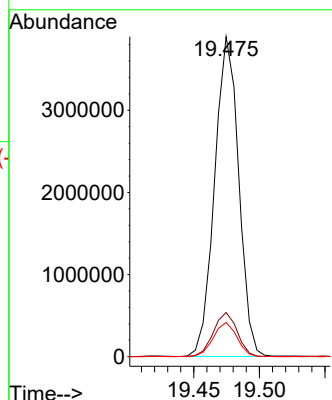
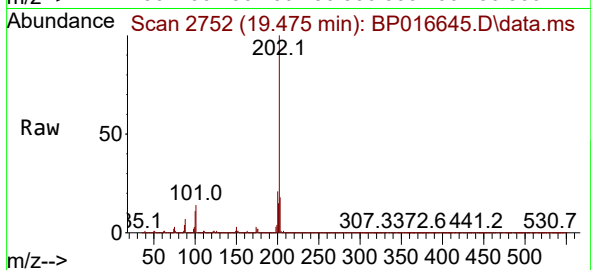
Tgt Ion:202 Resp: 4972129

Ion Ratio Lower Upper

202 100

101 13.8 10.6 16.0

100 10.7 8.1 12.1



#82

Pyrene

Concen: 49.552 ng/ul

RT: 19.833 min Scan# 2813

Delta R.T. 0.006 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

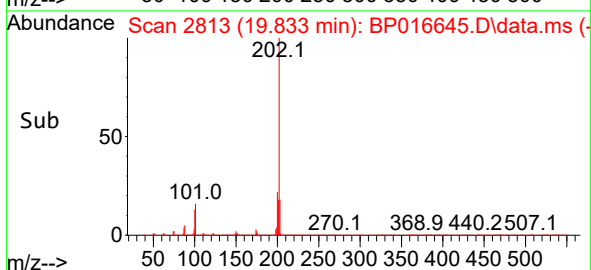
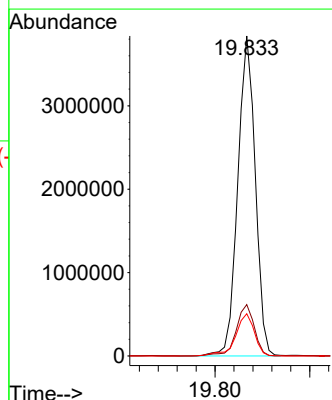
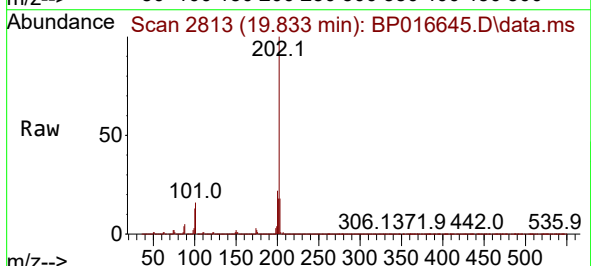
Tgt Ion:202 Resp: 4919634

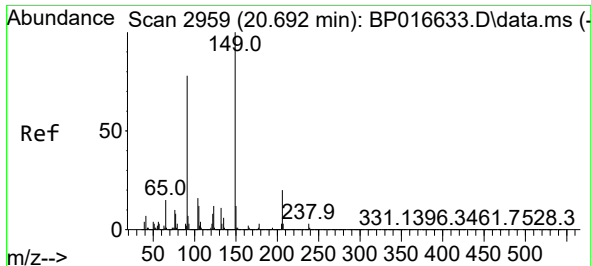
Ion Ratio Lower Upper

202 100

101 16.1 13.4 20.2

100 13.2 11.0 16.4

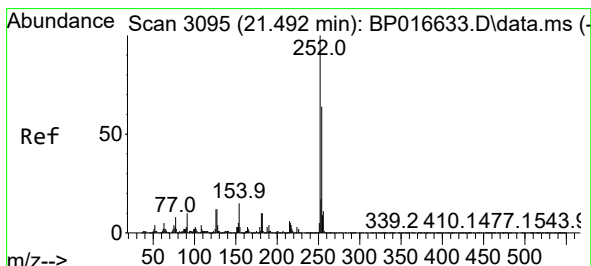
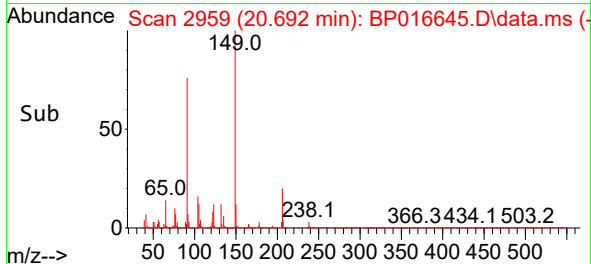
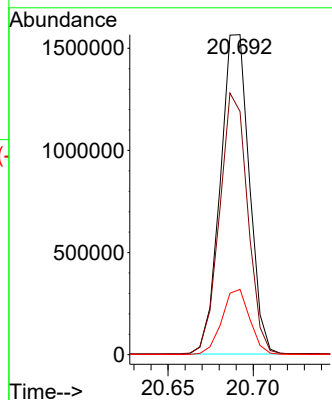
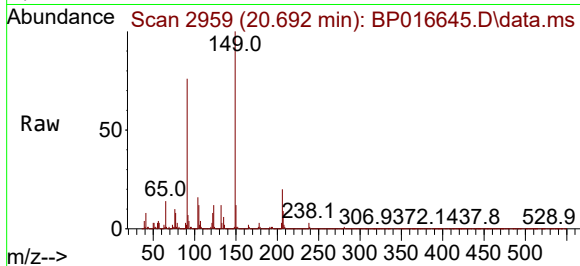




#83
Butylbenzylphthalate
Concen: 46.235 ng/ul
RT: 20.692 min Scan# 2959
Delta R.T. 0.006 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

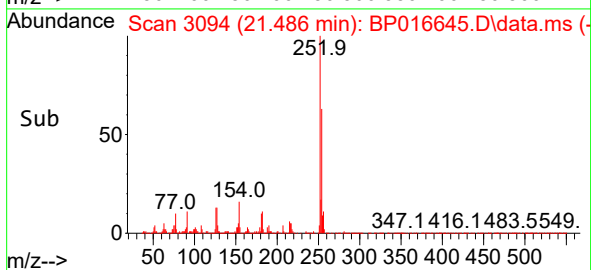
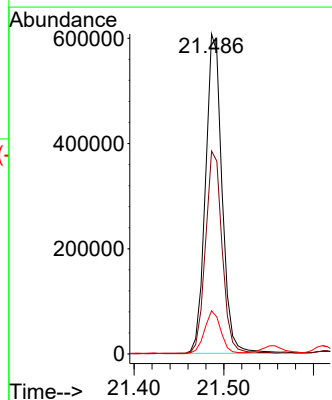
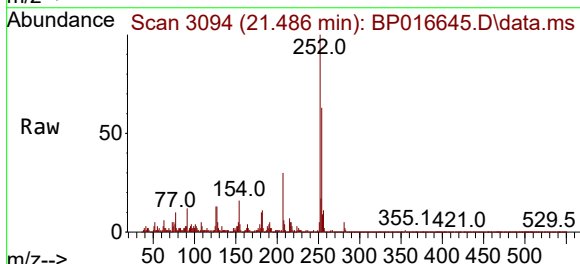
Instrument :
BNA_P
ClientSampleId :
A48H4MSD

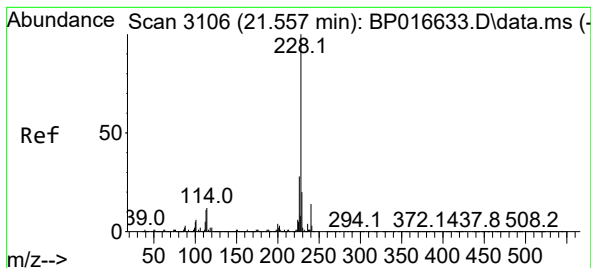
Tgt Ion:149 Resp: 1849167
Ion Ratio Lower Upper
149 100
91 76.0 67.8 101.6
206 20.4 14.4 21.6



#84
3,3'-Dichlorobenzidine
Concen: 23.747 ng/ul
RT: 21.486 min Scan# 3094
Delta R.T. 0.006 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:252 Resp: 777428
Ion Ratio Lower Upper
252 100
254 63.4 51.3 76.9
126 13.5 10.2 15.4





#85

Benzo(a)anthracene

Concen: 42.628 ng/ul

RT: 21.551 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Instrument :

BNA_P

ClientSampleId :

A48H4MSD

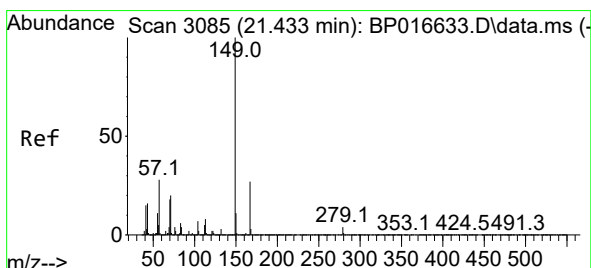
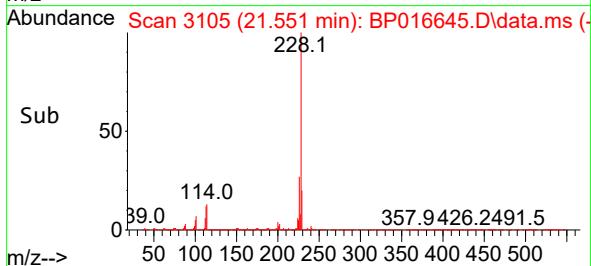
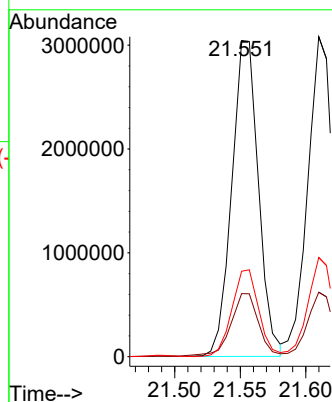
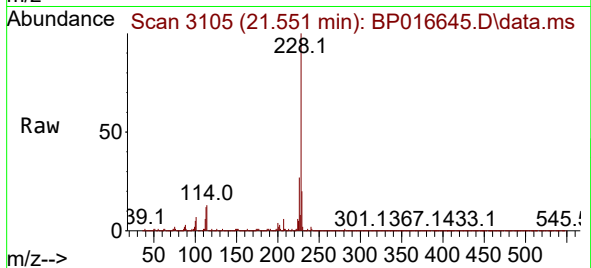
Tgt Ion:228 Resp: 4307147

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.6

226 27.0 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 47.614 ng/ul

RT: 21.427 min Scan# 3084

Delta R.T. 0.006 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

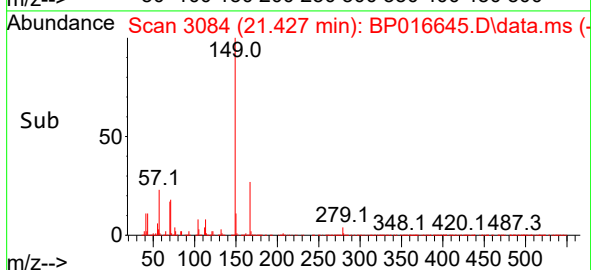
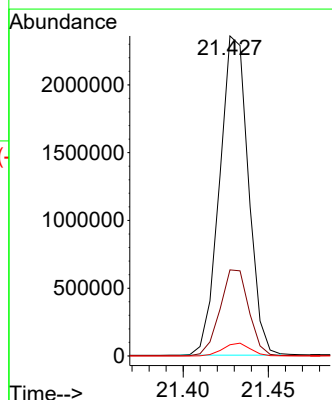
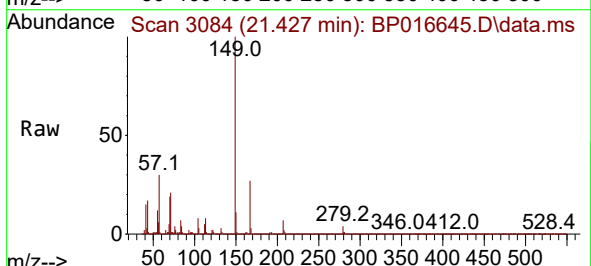
Tgt Ion:149 Resp: 2763793

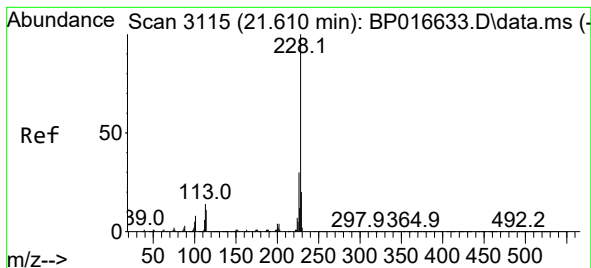
Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

279 3.5 2.6 4.0





#87

Chrysene

Concen: 43.498 ng/ul

RT: 21.610 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Instrument :

BNA_P

ClientSampleId :

A48H4MSD

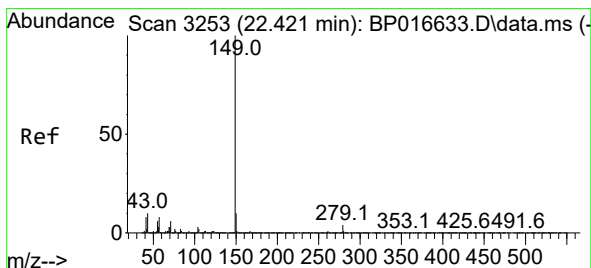
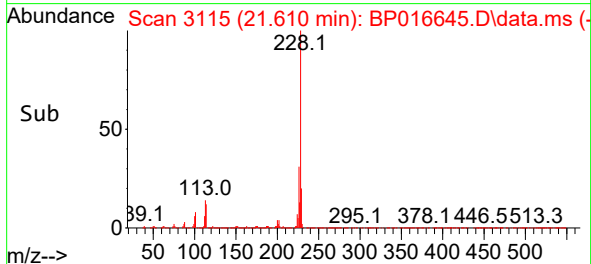
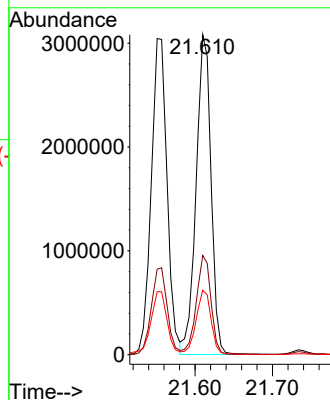
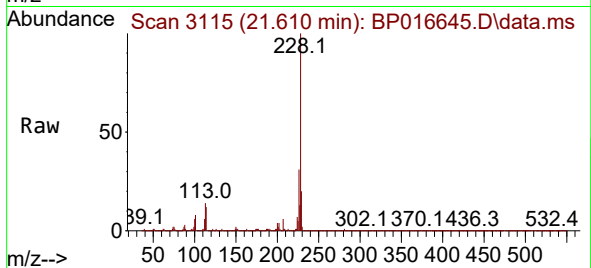
Tgt Ion:228 Resp: 4112715

Ion Ratio Lower Upper

228 100

226 31.0 24.6 36.8

229 20.2 16.4 24.6



#89

Di-n-octyl phthalate

Concen: 48.147 ng/ul

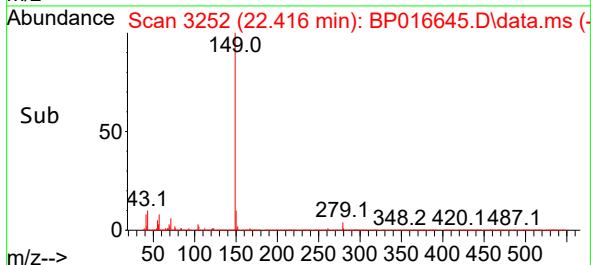
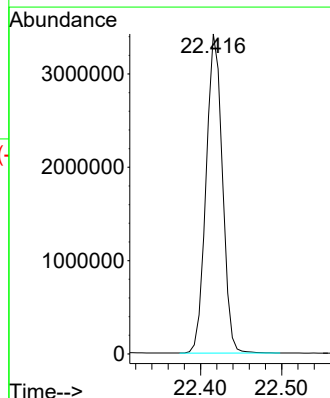
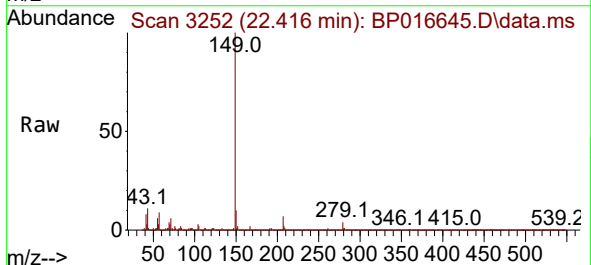
RT: 22.416 min Scan# 3252

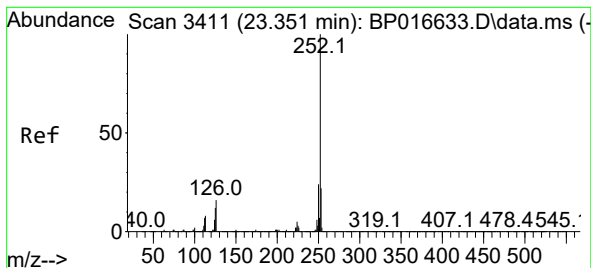
Delta R.T. 0.006 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Tgt Ion:149 Resp: 4758110





#90

Benzo(b)fluoranthene

Concen: 47.236 ng/ul

RT: 23.351 min Scan# 3411

Delta R.T. 0.012 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Instrument :

BNA_P

ClientSampleId :

A48H4MSD

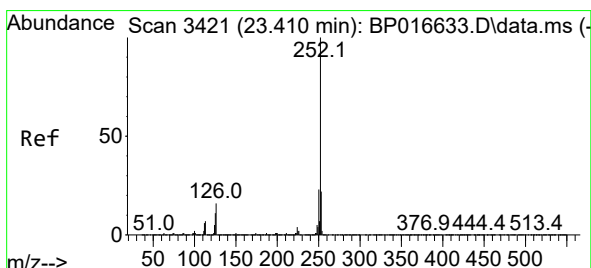
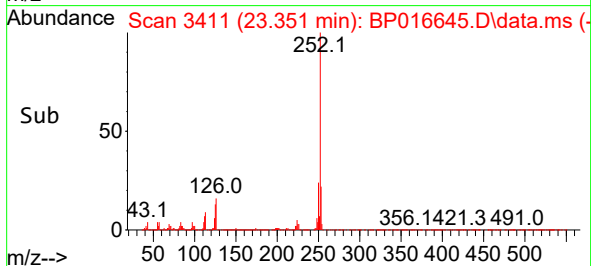
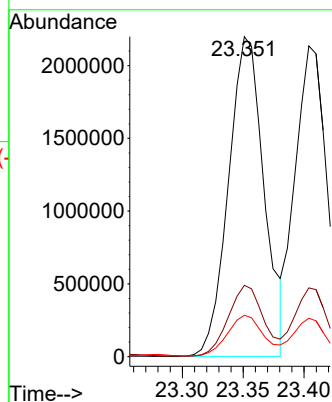
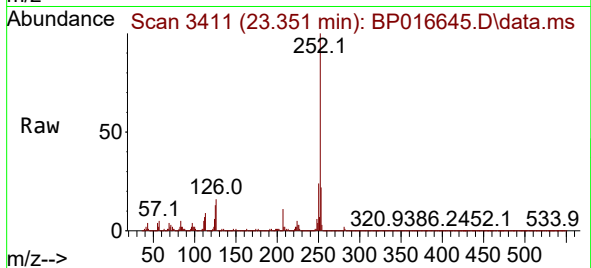
Tgt Ion:252 Resp: 4454372

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 13.0 10.0 15.0



#91

Benzo(k)fluoranthene

Concen: 41.306 ng/ul

RT: 23.404 min Scan# 3420

Delta R.T. 0.012 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

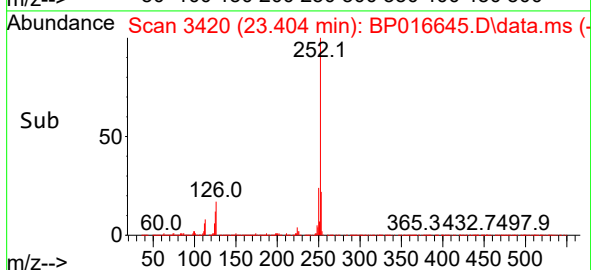
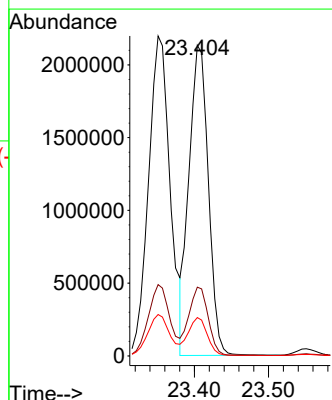
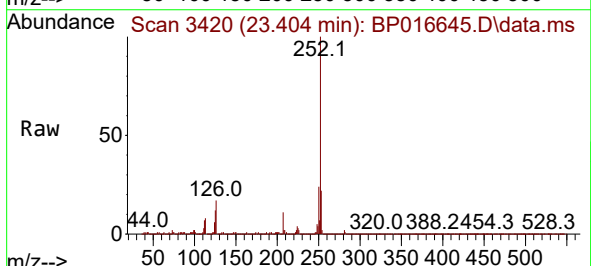
Tgt Ion:252 Resp: 3864280

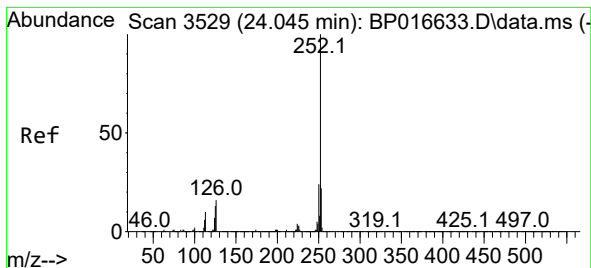
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 12.4 9.8 14.8





#93

Benzo(a)pyrene

Concen: 40.286 ng/ul

RT: 24.045 min Scan# 3529

Delta R.T. 0.018 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

Instrument :

BNA_P

ClientSampleId :

A48H4MSD

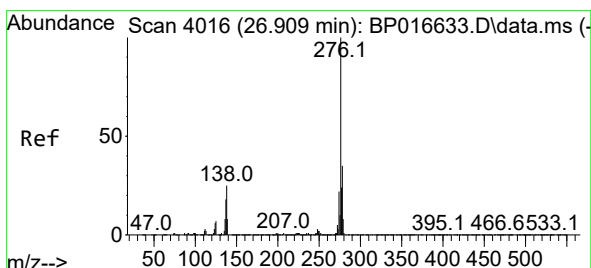
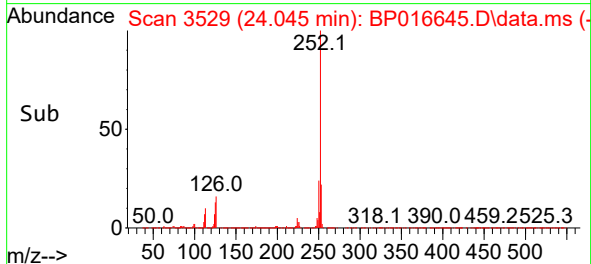
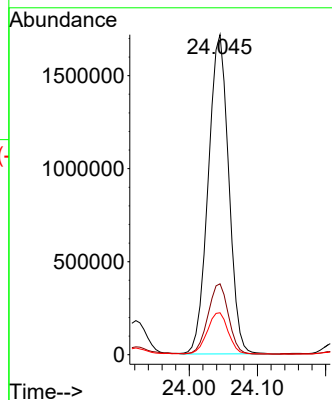
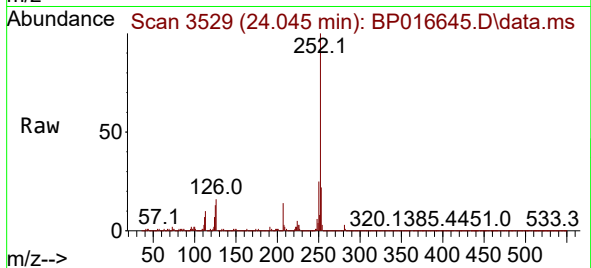
Tgt Ion:252 Resp: 3583701

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 13.1 10.6 15.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.314 ng/ul

RT: 26.910 min Scan# 4016

Delta R.T. 0.024 min

Lab File: BP016645.D

Acq: 18 Aug 2023 17:31

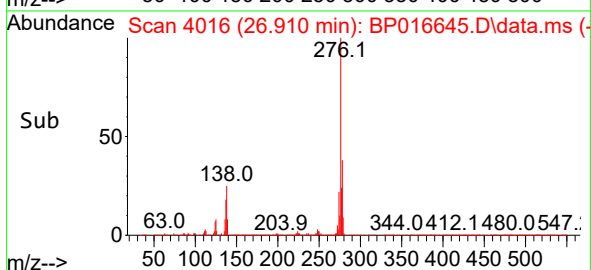
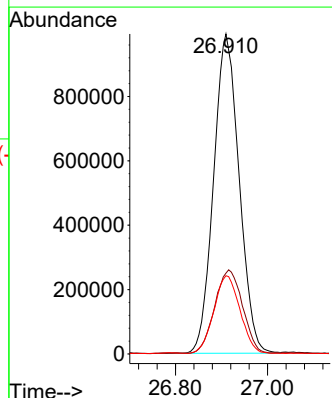
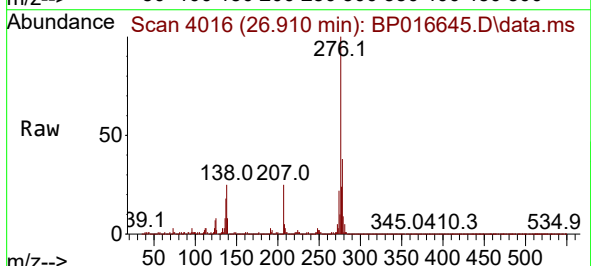
Tgt Ion:276 Resp: 3812537

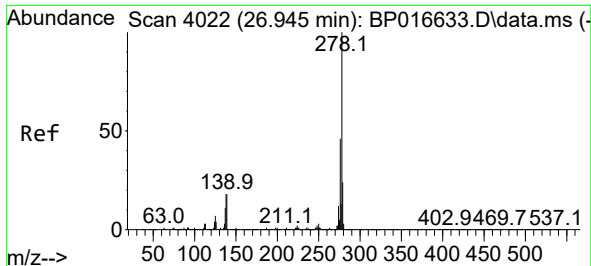
Ion Ratio Lower Upper

276 100

138 25.3 21.7 32.5

277 24.5 19.5 29.3

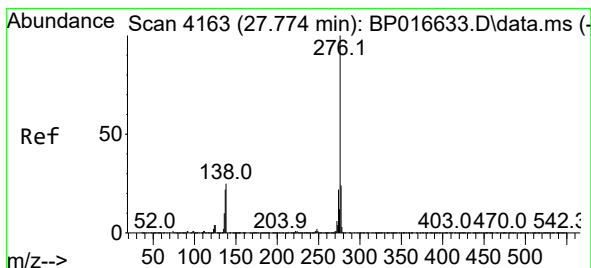
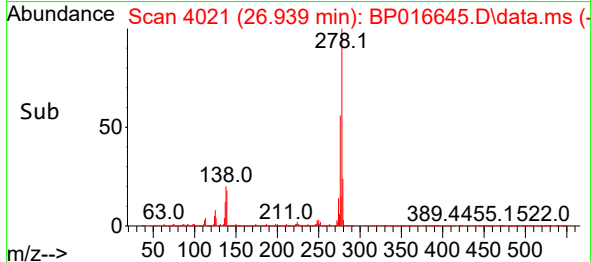
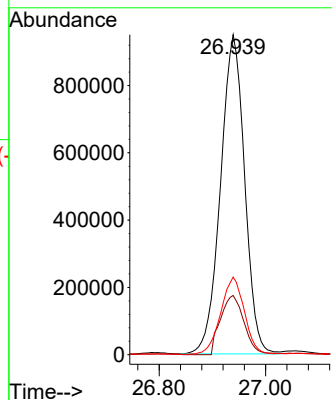
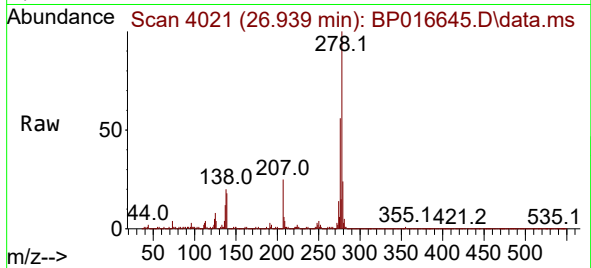




#95
Dibenzo(a,h)anthracene
Concen: 34.151 ng/ul
RT: 26.939 min Scan# 4022
Delta R.T. 0.024 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Instrument :
BNA_P
ClientSampleId :
A48H4MSD

Tgt Ion:278 Resp: 2983862
Ion Ratio Lower Upper
278 100
139 18.5 15.5 23.3
279 24.2 19.1 28.7



#96
Benzo(g,h,i)perylene
Concen: 35.929 ng/ul
RT: 27.774 min Scan# 4163
Delta R.T. 0.029 min
Lab File: BP016645.D
Acq: 18 Aug 2023 17:31

Tgt Ion:276 Resp: 3002172
Ion Ratio Lower Upper
276 100
138 25.1 21.5 32.3
277 23.9 19.3 28.9

